



Theta Pro2Serve Management Company, LLC



Managed by

Theta Pro2Serve Management Company, LLC  
for the Portsmouth/Paducah Project Office  
of the U.S. Department of Energy under  
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**Non-Destructive Assay Data Reporting  
for the  
Portsmouth Gaseous Diffusion Plant  
Piketon, Ohio**



This document is approved for public release per review by:  
Henry Thomas, TPMC 2/13/09  
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**Non-Destructive Assay Data Reporting  
for the  
Portsmouth Gaseous Diffusion Plant  
Piketon, Ohio**

Date Issued – February 2009

Prepared for the  
U.S. Department of Energy  
Portsmouth/Paducah Project Office

THETA PRO2SERVE MANAGEMENT COMPANY, LLC  
managing the  
Infrastructure Services Contract at the  
Portsmouth Gaseous Diffusion Plant  
under Contract DE-AC24-05OH20193  
for the  
U.S. DEPARTMENT OF ENERGY

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## **ACRONYMS**

DOE	U.S. Department of Energy
GDP	Gaseous Diffusion Plant
NDA	Non-Destructive Assay
PEH	Planned Expeditious Handling
PORTS	Portsmouth Gaseous Diffusion Plant
QA	Quality Assurance
USEC	United States Enrichment Corporation

## **EXECUTIVE SUMMARY**

Throughout the Portsmouth Gaseous Diffusion Plant (GDP) Cold Standby and Cold Shutdown programs, non-destructive assay (NDA) measurement results have been reported in both hardcopy and electronic formats. The reports have been crafted to provide the customer with the essential data results without overwhelming the customer with all of the supporting information.

This report outlines the NDA data elements that have normally been provided in these NDA result reports as well as some discussion of the supporting data elements that have been retained in order to establish the credibility of the NDA measurement program.

An overview of the Portsmouth NDA program is presented in TPMC/PORTS-214, *Non-Destructive Assay Measurement Program for the Portsmouth Gaseous Diffusion Plant* (TPMC 2008).

## **1. INTRODUCTION**

On May 11, 2001, the United States Enrichment Corporation (USEC) ceased production of enriched uranium hexafluoride ( $\text{UF}_6$ ) at the Portsmouth Gaseous Diffusion Plant (GDP). Throughout its history, which included operations under both the U.S. Department of Energy (DOE) and USEC, the Portsmouth GDP had operated at uranium-235 ( $^{235}\text{U}$ ) enrichments ranging from depleted (0.2%) to very highly enriched (97.5%). Under USEC, the maximum enrichment was approximately 10%. Following cessation of production on May 11, 2001, gaseous  $\text{UF}_6$  remaining in the cascade was withdrawn and cold standby activities were started. Following withdrawal of  $\text{UF}_6$  gas from the cascade, solid deposits remained.

The Portsmouth GDP has established a non-destructive assay (NDA) program to measure these deposits in-situ. The NDA program is an integral part of the Portsmouth Gaseous Diffusion Plant (PORTS) Analytical Laboratory. As such, the NDA measurement process is designed to comply with the PORTS Laboratory Quality Assurance (QA) Program similar to all laboratory measurement programs at Portmsouth.

## **2. NDA DATA REPORTS**

An NDA analytical results report should strive to consistently indicate the calculated measurement results as well as the basic assumptions and conditions used to derive the analytical results. These analytical reports have evolved over time. The specific format of the NDA analytical results has depended upon whether the data is reported using electronic media or hardcopy. In general, the hardcopy media has included more discussion of the measurement conditions and assumptions. On the other hand, the results reported through electronic formats have generally included more analytical supporting data such as instrument traceability, calibrations, counting times, etc.

The Appendix of this report is the current NDA measurement results summary report (current through February 2009) for the X-333 Process Building. This report is a data table report of the measured amount of uranium hold-up within each compressor, converter, and cooler in the X-333 Facility. When the reported data (including measurement uncertainty) is compared to the nuclear criticality always-safe mass for each equipment item, it is clear that all items contain less than the always-safe mass. This is commonly referred to as uncomplicated handling (UH). All cell equipment in the X-333 Facility containing greater than or equal to the always-safe mass [referred to as Planned Expedited Handling (PEH)] were removed by December 2007 using chemical treatments of the deposits.

Often during the Cold Standby and Cold Shutdown programs, summary NDA result reports similar to the Appendix of this report were issued. For many NDA data users, this summary is the only information that is needed. However, this data report is actually a query report derived from three relational databases linking the specific item, the item location, and the NDA measurement results for each item. Hence, from these relational databases, a variety of NDA result reports could be generated using any combination of data fields found in the three databases.

## **2.1 DATA DICTIONARY**

In order to fully understand the X-333 Facility NDA Results Report (see Appendix), it is prudent to examine all three of the database tables that contribute to the report and the definitions of each data field that is collected or calculated.

The definitions for the fields in the item, location, and measurement data tables are shown in Table 1 through Table 3.

**Table 1. Data dictionary for the Item Data Table**

<b>Field</b>	<b>Description</b>
Item_ID	Unique item identifier
Item_Name	Name of item measured
Item_Type	Type of item measured (e.g., converter, valve, etc.)
Item_Classification	Further designation to uniquely identify items (e.g., cell, process gas, purge, etc.)
Item_Mode	Cell – Item is cell based. Other – Item is not cell based.
Location_ID	Related to record in locations table
Measurements	Number of times the item has been measured

**Table 2. Data dictionary for the Locations Data Table**

<b>Field</b>	<b>Description</b>
Location_ID	Unique location identifier
Facility_ID	Building name
Unit_ID	Unit name
Cell_ID	Cell number
Stage_ID	Stage number
Cascade_Location	Location for non-cell based cascade equipment and piping
Start_Column	Column at which deposit starts (primarily for piping)
End_Column	Column at which deposit ends (primarily for piping)

**Table 3. Data dictionary for the Measurements Data Table**

Field	Description
Result_ID	Unique identifier for each result
Item_ID	Relates to record in Items Table
Location_ID	Relates to record in Locations Table
Equip_Type	Name of process equipment measured
Data_Type	Type of measurement performed (Neutron or Gamma-Ray)
Meas_Number	Measurement sequence for this result (e.g., second time this item was measured)
Measurement_Date	Date on which measurement was performed
Approval_Date	Date on which result was approved
Enrichment	Enrichment of the measured uranium (weight %)
Ratio	Mass ratio of $^{235}\text{U}$ to $^{234}\text{U}$
U-235	Mass of $^{235}\text{U}$ measured (g)
U-235_Unit	Unit of measure (grams)
Count_Unc	Uncertainty in the $^{235}\text{U}$ mass from counting statistics
Count_Unc_Unit	Unit of measure (grams)
$\text{UO}_2\text{F}_2$	Pounds of uranyl fluoride ( $\text{UO}_2\text{F}_2$ )
Tot_Unc	Pounds of uncertainty in $\text{UO}_2\text{F}_2$
$\text{UO}_2\text{F}_2\text{-Max}$	Sum of $\text{UO}_2\text{F}_2$ and Tot_Unc (pounds)
PEH_Lim_ $\text{UO}_2\text{F}_2$	PEH limit (pounds of $\text{UO}_2\text{F}_2$ )
REM_Lim_ $\text{UO}_2\text{F}_2$	Removal limit (pounds of $\text{UO}_2\text{F}_2$ )
GSM_Lim_ $\text{UO}_2\text{F}_2$	Greater than safe mass limit (pounds of $\text{UO}_2\text{F}_2$ )
Flag	Flag indicating which limits have been exceeded and if a gamma-ray technique was used
Measurement_Program	Name of measurement program (e.g., Caretaker, Shutdown, etc.)
Comments	Comments included with the analysis

Note: Table 3 includes metric and English units. For example, quantities of  $\text{UO}_2\text{F}_2$  are expressed in pounds and quantities of U-235 are expressed in grams.

The data fields shown in Table 1 through Table 3 are the expanded set of data referenced in the analytical results report. However, there are two additional data tables that should be associated with each NDA measurement—field data and quality assurance data. It is infrequent that these two additional data tables are provided with the NDA results report. However, maintaining this information on each NDA measurement in an appropriate relational database is essential to the credibility of the NDA measurement program.

### **2.1.1 Field Data**

In order to calculate the mass of  $^{235}\text{U}$ , certain parameters of the measurement must be specified. Some of these parameters include the stand-off distance from the target to the detector, the counting time of the measurement, the detector efficiency and the background counts over the measurement time period. At the Portsmouth GDP, the field data is input into an algorithm which calculates the  $^{235}\text{U}$ . The algorithm is based on certain measurement assumptions including the chemical form of the uranium deposit and the distribution geometry of the deposit.

### **2.1.2 QA Data**

Several data items should be retained and associated with each NDA result in order to ensure that the measurement results meet the quality objectives of the measurement. The QA data normally retained for each result includes the NDA instrument identification, instrument calibration date, instrument calibration results, calibration standard identification, measurement procedure identification, and technician identification.

## **2.2 NDA MEASUREMENT UNCERTAINTY**

There are two types of uncertainty or error associated with every analytical measurement. The first is random error. For NDA measurements, the random error is inversely related to the total counts attributed to a specific radionuclide. Consequently, as the measurement counts increase, the ratio of the random error to the measured value becomes smaller.

The second type of error associated with NDA measurements is bias or systematic error. Bias error is introduced by consistently applying assumptions such as chemical form, geometric distribution of the deposit, or enrichment assay. The magnitude of the bias error reflects the extent to which these assumptions are incorrect.

The total NDA measurement uncertainty is the sum of both the random error and the bias or systematic error. An estimate of the total error is generally made since the magnitude of the bias error is difficult to determine. At the Portsmouth GDP most in-situ NDA measurements are estimated to have a 50% total measurement uncertainty. Some NDA measurements of containers at the Portsmouth GDP have been shown to have a smaller measurement uncertainty due to greater control of the measurement assumptions.

At the Portsmouth GDP the total measurement uncertainty is generally added to the measured value to determine the maximum amount of radionuclide present. This is especially important when the measurement is made to determine the nuclear criticality potential of a fissile mass.

### **3. REFERENCES**

- D. Reilly, et al., LA-UR-9-732, Los Alamos National Laboratory, *Passive Nondestructive Assay of Nuclear Materials*, prepared for the U. S. Nuclear Regulatory Commission (NUREG/CR-5550), U.S. Government Printing Office, Washington, D.C., March 1991.
- R. Hagenauer and R. Mayer, K/ITP-414, *Methods for Nondestructive Assay Holdup Measurements in Shutdown Uranium Enrichment Facilities*, September 1991.
- TPMC (Theta Pro2Serve Management Company, LLC) 2008. *Non-Destructive Assay Measurement Program for the Portsmouth Gaseous Diffusion Plant, Piketon, Ohio*, TPMC/PORTS-214, Theta Pro2Serve Management Company, LLC, Piketon, OH.

## **APPENDIX**

### **CURRENT NDA MEASUREMENT RESULTS IN THE X-333 FACILITY**

**Table 1. Current X-333 NDA measurement results**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-1	1	1	33-1-01 Compressor Compressor	Compressor	0.578	205	375 Grams	53	Grams	185	93	278	Measured	
X-333	33-1	1	1	33-1-01 Converter Converter	Converter	0.578	205	912 Grams	153	Grams	450	225	675	Measured	
X-333	33-1	1	1	33-1-01 Cooler Cooler	Cooler	0.578	205	606 Grams	125	Grams	299	150	449	Measured	
X-333	33-1	1	2	33-1-01 Compressor Compressor	Compressor	0.578	205	492 Grams	62	Grams	243	122	364	Measured	
X-333	33-1	1	2	33-1-01 Converter Converter	Converter	0.578	205	796 Grams	146	Grams	393	197	589	Measured	
X-333	33-1	1	3	33-1-01 Compressor Compressor	Compressor	0.578	205	565 Grams	155	Grams	279	153	432	Measured	
X-333	33-1	1	3	33-1-01 Converter Converter	Converter	0.578	205	871 Grams	151	Grams	430	215	645	Measured	
X-333	33-1	1	4	33-1-01 Compressor Compressor	Compressor	0.578	205	562 Grams	67	Grams	278	139	416	Measured	
A-3	X-333	33-1	1	4	33-1-01 Converter Converter	Converter	0.578	205	820 Grams	147	Grams	405	203	607	Measured
	X-333	33-1	1	5	33-1-01 Compressor Compressor	Compressor	0.578	205	451 Grams	59	Grams	223	112	334	Measured
	X-333	33-1	1	5	33-1-01 Converter Converter	Converter	0.578	205	863 Grams	150	Grams	426	213	639	Measured
	X-333	33-1	1	6	33-1-01 Compressor Compressor	Compressor	0.578	205	499 Grams	62	Grams	247	124	370	Measured
	X-333	33-1	1	6	33-1-01 Converter Converter	Converter	0.578	205	795 Grams	146	Grams	393	197	589	Measured
	X-333	33-1	1	7	33-1-01 Compressor Compressor	Compressor	0.578	205	419 Grams	55	Grams	207	104	310	Measured
	X-333	33-1	1	7	33-1-01 Converter Converter	Converter	0.578	205	807 Grams	146	Grams	398	199	597	Measured
	X-333	33-1	1	8	33-1-01 Compressor Compressor	Compressor	0.578	205	408 Grams	55	Grams	202	101	302	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-1	1	8	33-1-01 Converter	Converter	0.578	205	731	Grams	142	Grams	361	181	541	Measured	
X-333	33-1	2	1	33-1-02 Compressor	Compressor	0.577	205	199	Grams	44	Grams	99	50	148	Cascade Coordinator	
X-333	33-1	2	1	33-1-02 Converter	Converter	0.577	205	632	Grams	136	Grams	313	157	469	Cascade Coordinator	
X-333	33-1	2	1	33-1-02 Cooler	Cooler	0.577	205	141	Grams	33	Grams	70	35	105	Cascade Coordinator	
X-333	33-1	2	2	33-1-02 Compressor	Compressor	0.577	205	231	Grams	44	Grams	115	58	172	Cascade Coordinator	
X-333	33-1	2	2	33-1-02 Converter	Converter	0.577	205	552	Grams	131	Grams	273	137	410	Cascade Coordinator	
X-333	33-1	2	3	33-1-02 Compressor	Compressor	0.577	205	166	Grams	40	Grams	83	42	124	Cascade Coordinator	
X-333	33-1	2	3	33-1-02 Converter	Converter	0.577	205	534	Grams	131	Grams	264	132	396	Cascade Coordinator	
A-4	X-333	33-1	2	4	33-1-02 Compressor	Compressor	0.577	205	257	Grams	59	Grams	127	64	191	Cascade Coordinator
	X-333	33-1	2	4	33-1-02 Converter	Converter	0.577	205	618	Grams	135	Grams	306	153	458	Cascade Coordinator
	X-333	33-1	2	5	33-1-02 Compressor	Compressor	0.577	205	317	Grams	71	Grams	157	79	235	Cascade Coordinator
	X-333	33-1	2	5	33-1-02 Converter	Converter	0.577	205	646	Grams	137	Grams	320	160	479	Cascade Coordinator
X-333	33-1	2	6	33-1-02 Compressor	Compressor	0.577	205	195	Grams	41	Grams	97	49	145	Cascade Coordinator	
X-333	33-1	2	6	33-1-02 Converter	Converter	0.577	205	484	Grams	128	Grams	240	127	366	Cascade Coordinator	
X-333	33-1	2	7	33-1-02 Compressor	Compressor	0.577	205	214	Grams	42	Grams	106	53	159	Cascade Coordinator	
X-333	33-1	2	7	33-1-02 Converter	Converter	0.577	205	697	Grams	140	Grams	345	173	517	Cascade Coordinator	

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-1	2	8	33-1-02 Compressor	Compressor	0.577	205	153	Grams	40	Grams	76	40	116	Cascade Coordinator	
X-333	33-1	2	8	33-1-02 Converter	Converter	0.577	205	739	Grams	142	Grams	366	183	548	Cascade Coordinator	
X-333	33-1	3	1	33-1-03 Compressor	Compressor	0.516	205	383	Grams	52	Grams	212	106	318	Measured	
X-333	33-1	3	1	33-1-03 Converter	Converter	0.516	205	893	Grams	146	Grams	494	247	740	Measured	
X-333	33-1	3	1	33-1-03 Cooler	Cooler	0.516	205	830	Grams	130	Grams	459	230	688	Measured	
X-333	33-1	3	2	33-1-03 Compressor	Compressor	0.516	205	422	Grams	55	Grams	234	117	350	Measured	
X-333	33-1	3	2	33-1-03 Converter	Converter	0.516	205	905	Grams	147	Grams	500	250	750	Measured	
X-333	33-1	3	3	33-1-03 Compressor	Compressor	0.516	205	390	Grams	52	Grams	216	108	324	Measured	
A-5	X-333	33-1	3	33-1-03 Converter	Converter	0.516	205	865	Grams	144	Grams	478	239	717	Measured	
	X-333	33-1	3	4	33-1-03 Compressor	Compressor	0.516	205	631	Grams	90	Grams	349	175	523	Measured
	X-333	33-1	3	4	33-1-03 Converter	Converter	0.516	205	801	Grams	140	Grams	443	222	664	Measured
	X-333	33-1	3	5	33-1-03 Compressor	Compressor	0.516	205	568	Grams	90	Grams	314	157	471	Measured
	X-333	33-1	3	5	33-1-03 Converter	Converter	0.516	205	1182	Grams	168	Grams	653	327	980	Measured
X-333	33-1	3	6	33-1-03 Compressor	Compressor	0.516	205	484	Grams	60	Grams	268	134	402	Measured	
X-333	33-1	3	6	33-1-03 Converter	Converter	0.516	205	963	Grams	151	Grams	532	266	798	Measured	
X-333	33-1	3	7	33-1-03 Compressor	Compressor	0.516	205	467	Grams	59	Grams	258	129	387	Measured	

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-1	3	7	33-1-03 Converter	Converter	0.516	205	950	Grams	150	Grams	525	263	788	Measured	
X-333	33-1	3	8	33-1-03 Compressor	Compressor	0.516	205	398	Grams	53	Grams	220	110	330	Measured	
X-333	33-1	3	8	33-1-03 Converter	Converter	0.516	205	926	Grams	149	Grams	512	256	768	Measured	
X-333	33-1	4	1	33-1-04 Compressor	Compressor	0.565	205	211	Grams	43	Grams	107	54	160	Cascade Coordinator	
X-333	33-1	4	1	33-1-04 Converter	Converter	0.565	205	495	Grams	125	Grams	250	127	376	Cascade Coordinator	
X-333	33-1	4	1	33-1-04 Cooler	Cooler	0.565	205	313	Grams	44	Grams	158	79	237	Cascade Coordinator	
X-333	33-1	4	2	33-1-04 Compressor	Compressor	0.565	205	200	Grams	41	Grams	101	51	152	Cascade Coordinator	
X-333	33-1	4	2	33-1-04 Converter	Converter	0.565	205	262	Grams	115	Grams	133	117	249	Cascade Coordinator	
A-6	X-333	33-1	4	3	33-1-04 Compressor	Compressor	0.565	205	218	Grams	42	Grams	110	55	165	Cascade Coordinator
	X-333	33-1	4	3	33-1-04 Converter	Converter	0.565	205	401	Grams	120	Grams	203	122	324	Cascade Coordinator
X-333	33-1	4	4	33-1-04 Compressor	Compressor	0.565	205	310	Grams	59	Grams	157	79	235	Cascade Coordinator	
X-333	33-1	4	4	33-1-04 Converter	Converter	0.565	205	350	Grams	118	Grams	177	120	296	Cascade Coordinator	
X-333	33-1	4	5	33-1-04 Compressor	Compressor	0.565	205	491	Grams	88	Grams	248	124	372	Cascade Coordinator	
X-333	33-1	4	5	33-1-04 Converter	Converter	0.565	205	465	Grams	123	Grams	235	125	359	Cascade Coordinator	
X-333	33-1	4	6	33-1-04 Compressor	Compressor	0.565	205	0	Grams	185	Grams	0	187	187	Cascade Coordinator	
X-333	33-1	4	6	33-1-04 Converter	Converter	0.565	205	348	Grams	118	Grams	176	120	295	Cascade Coordinator	

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-1	4	7	33-1-04 Compressor	Compressor	0.565	205	225	Grams	42	Grams	114	57	171	Cascade Coordinator	
X-333	33-1	4	7	33-1-04 Converter	Converter	0.565	205	308	Grams	116	Grams	156	118	273	Cascade Coordinator	
X-333	33-1	4	8	33-1-04 Compressor	Compressor	0.565	205	219	Grams	43	Grams	111	56	166	Cascade Coordinator	
X-333	33-1	4	8	33-1-04 Converter	Converter	0.565	205	336	Grams	118	Grams	170	120	289	Cascade Coordinator	
X-333	33-1	5	1	33-1-05 Compressor	Compressor	0.496	205	169	Grams	37	Grams	98	49	146	Cascade Coordinator	
X-333	33-1	5	1	33-1-05 Converter	Converter	0.496	205	822	Grams	139	Grams	473	237	709	Cascade Coordinator	
X-333	33-1	5	1	33-1-05 Cooler	Cooler	0.496	205	422	Grams	104	Grams	243	122	364	Cascade Coordinator	
X-333	33-1	5	2	33-1-05 Compressor	Compressor	0.496	205	185	Grams	37	Grams	107	54	160	Cascade Coordinator	
A-7	X-333	33-1	5	2	33-1-05 Converter	Converter	0.496	205	863	Grams	142	Grams	496	248	744	Cascade Coordinator
	X-333	33-1	5	3	33-1-05 Compressor	Compressor	0.496	205	38	Grams	129	Grams	22	149	171	Cascade Coordinator
	X-333	33-1	5	3	33-1-05 Converter	Converter	0.496	205	871	Grams	143	Grams	501	251	751	Cascade Coordinator
	X-333	33-1	5	4	33-1-05 Compressor	Compressor	0.496	205	268	Grams	59	Grams	155	78	232	Cascade Coordinator
	X-333	33-1	5	4	33-1-05 Converter	Converter	0.496	205	826	Grams	140	Grams	475	238	713	Cascade Coordinator
	X-333	33-1	5	5	33-1-05 Compressor	Compressor	0.496	205	208	Grams	38	Grams	120	60	180	Cascade Coordinator
	X-333	33-1	5	5	33-1-05 Converter	Converter	0.496	205	865	Grams	142	Grams	498	249	746	Cascade Coordinator
	X-333	33-1	5	6	33-1-05 Compressor	Compressor	0.496	205	172	Grams	36	Grams	99	50	149	Cascade Coordinator

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-1	5	6	33-1-05 Converter	Converter	0.496	205	849	Grams	141	Grams	488	244	732	Cascade	
X-333	33-1	5	7	33-1-05 Compressor	Compressor	0.496	205	197	Grams	38	Grams	114	57	170	Cascade	
X-333	33-1	5	7	33-1-05 Converter	Converter	0.496	205	870	Grams	143	Grams	500	250	750	Cascade	
X-333	33-1	5	8	33-1-05 Compressor	Compressor	0.496	205	188	Grams	37	Grams	109	55	163	Cascade	
X-333	33-1	5	8	33-1-05 Converter	Converter	0.496	205	683	Grams	130	Grams	393	197	589	Cascade	
X-333	33-1	6	1	33-1-06 Compressor	Compressor	0.722	189	168	Grams	42	Grams	67	34	100	Measured	
X-333	33-1	6	1	33-1-06 Converter	Converter	0.722	189	1073	Grams	179	Grams	424	212	636	Measured	
X-333	33-1	6	1	33-1-06 Cooler	Cooler	0.722	189	252	Grams	44	Grams	100	50	150	Measured	
A-8	X-333	33-1	6	2	33-1-06 Compressor	Compressor	0.722	189	427	Grams	60	Grams	169	85	253	Measured
	X-333	33-1	6	2	33-1-06 Converter	Converter	0.722	189	1036	Grams	177	Grams	410	205	614	Measured
	X-333	33-1	6	3	33-1-06 Compressor	Compressor	0.722	189	397	Grams	58	Grams	157	79	236	Measured
	X-333	33-1	6	3	33-1-06 Converter	Converter	0.722	189	1304	Grams	196	Grams	515	258	773	Measured
	X-333	33-1	6	4	33-1-06 Compressor	Compressor	0.722	189	528	Grams	85	Grams	209	105	313	Measured
	X-333	33-1	6	4	33-1-06 Converter	Converter	0.722	189	1095	Grams	181	Grams	433	217	649	Measured
	X-333	33-1	6	5	33-1-06 Compressor	Compressor	0.722	189	530	Grams	91	Grams	210	105	314	Measured
	X-333	33-1	6	5	33-1-06 Converter	Converter	0.722	189	1340	Grams	198	Grams	530	265	794	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-1	6	6	33-1-06 Compressor	Compressor	0.722	189	394	Grams	57	Grams	156	78	234	Measured
X-333	33-1	6	6	33-1-06 Converter	Converter	0.722	189	1127	Grams	183	Grams	445	223	668	Measured
X-333	33-1	6	7	33-1-06 Compressor	Compressor	0.722	189	447	Grams	62	Grams	177	89	265	Measured
X-333	33-1	6	7	33-1-06 Converter	Converter	0.722	189	1153	Grams	185	Grams	456	228	683	Measured
X-333	33-1	6	8	33-1-06 Compressor	Compressor	0.722	189	154	Grams	36	Grams	61	31	92	Measured
X-333	33-1	6	8	33-1-06 Converter	Converter	0.722	189	1183	Grams	187	Grams	468	234	701	Measured
X-333	33-1	7	1	33-1-07 Compressor	Compressor	0.592	203	369	Grams	59	Grams	178	89	267	Measured
X-333	33-1	7	1	33-1-07 Converter	Converter	0.592	203	790	Grams	147	Grams	381	191	571	Measured
A-9	33-1	7	1	33-1-07 Cooler	Cooler	0.592	203	567	Grams	124	Grams	274	137	410	Measured
X-333	33-1	7	2	33-1-07 Compressor	Compressor	0.592	203	396	Grams	54	Grams	191	96	287	Measured
X-333	33-1	7	2	33-1-07 Converter	Converter	0.592	203	684	Grams	140	Grams	330	165	495	Measured
X-333	33-1	7	3	33-1-07 Compressor	Compressor	0.592	203	328	Grams	49	Grams	158	79	237	Measured
X-333	33-1	7	3	33-1-07 Converter	Converter	0.592	203	692	Grams	141	Grams	334	167	500	Measured
X-333	33-1	7	4	33-1-07 Compressor	Compressor	0.592	203	476	Grams	77	Grams	230	115	344	Measured
X-333	33-1	7	4	33-1-07 Converter	Converter	0.592	203	739	Grams	143	Grams	356	178	534	Measured
X-333	33-1	7	5	33-1-07 Compressor	Compressor	0.592	203	513	Grams	80	Grams	248	124	371	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-1	7	5	33-1-07 Converter	Converter	0.592	203	823	Grams	149	Grams	397	199	595	Measured	
X-333	33-1	7	6	33-1-07 Compressor	Compressor	0.592	203	343	Grams	50	Grams	166	83	248	Measured	
X-333	33-1	7	6	33-1-07 Converter	Converter	0.592	203	855	Grams	151	Grams	412	206	618	Measured	
X-333	33-1	7	7	33-1-07 Compressor	Compressor	0.592	203	354	Grams	52	Grams	171	86	256	Measured	
X-333	33-1	7	7	33-1-07 Converter	Converter	0.592	203	788	Grams	146	Grams	380	190	570	Measured	
X-333	33-1	7	8	33-1-07 Compressor	Compressor	0.592	203	325	Grams	49	Grams	157	79	235	Measured	
X-333	33-1	7	8	33-1-07 Converter	Converter	0.592	203	801	Grams	147	Grams	386	193	579	Measured	
X-333	33-1	8	1	33-1-08 Compressor	Compressor	0.541	205	159	Grams	39	Grams	84	42	126	Cascade Coordinator	
A-10	X-333	33-1	8	1	33-1-08 Converter	Converter	0.541	205	667	Grams	133	Grams	352	176	528	Cascade Coordinator
	X-333	33-1	8	1	33-1-08 Cooler	Cooler	0.541	205	195	Grams	36	Grams	103	52	155	Cascade Coordinator
	X-333	33-1	8	2	33-1-08 Compressor	Compressor	0.541	205	182	Grams	39	Grams	96	48	144	Cascade Coordinator
	X-333	33-1	8	2	33-1-08 Converter	Converter	0.541	205	596	Grams	129	Grams	315	158	472	Cascade Coordinator
	X-333	33-1	8	3	33-1-08 Compressor	Compressor	0.541	205	211	Grams	41	Grams	112	56	167	Cascade Coordinator
	X-333	33-1	8	3	33-1-08 Converter	Converter	0.541	205	648	Grams	132	Grams	342	171	513	Cascade Coordinator
	X-333	33-1	8	4	33-1-08 Compressor	Compressor	0.541	205	305	Grams	61	Grams	161	81	242	Cascade Coordinator
	X-333	33-1	8	4	33-1-08 Converter	Converter	0.541	205	696	Grams	135	Grams	367	184	551	Cascade Coordinator

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-1	8	5	33-1-08 Compressor	Compressor	0.541	205	388	Grams	75	Grams	205	103	307	Cascade Coordinator
X-333	33-1	8	5	33-1-08 Converter	Converter	0.541	205	704	Grams	135	Grams	371	186	557	Cascade Coordinator
X-333	33-1	8	6	33-1-08 Compressor	Compressor	0.541	205	0	Grams	168	Grams	0	178	178	Cascade Coordinator
X-333	33-1	8	6	33-1-08 Converter	Converter	0.541	205	659	Grams	133	Grams	348	174	521	Cascade Coordinator
X-333	33-1	8	7	33-1-08 Compressor	Compressor	0.541	205	188	Grams	40	Grams	100	50	149	Cascade Coordinator
X-333	33-1	8	7	33-1-08 Converter	Converter	0.541	205	571	Grams	128	Grams	301	151	452	Cascade Coordinator
X-333	33-1	8	8	33-1-08 Compressor	Compressor	0.541	205	233	Grams	42	Grams	123	62	185	Cascade Coordinator
X-333	33-1	8	8	33-1-08 Converter	Converter	0.541	205	606	Grams	130	Grams	320	160	479	Cascade Coordinator
A-11	33-1	9	1	33-1-09 Compressor	Compressor	0.518	205	111	Grams	37	Grams	62	41	102	Cascade Coordinator
	33-1	9	1	33-1-09 Converter	Converter	0.518	205	515	Grams	121	Grams	284	142	426	Cascade Coordinator
	33-1	9	1	33-1-09 Cooler	Cooler	0.518	205	510	Grams	113	Grams	281	141	421	Cascade Coordinator
	33-1	9	2	33-1-09 Compressor	Compressor	0.518	205	214	Grams	41	Grams	118	59	177	Cascade Coordinator
	33-1	9	2	33-1-09 Converter	Converter	0.518	205	501	Grams	121	Grams	276	138	414	Cascade Coordinator
	33-1	9	3	33-1-09 Compressor	Compressor	0.518	205	83	Grams	34	Grams	46	38	84	Cascade Coordinator
	33-1	9	3	33-1-09 Converter	Converter	0.518	205	627	Grams	128	Grams	346	173	518	Cascade Coordinator
	33-1	9	4	33-1-09 Compressor	Compressor	0.518	205	308	Grams	60	Grams	170	85	255	Cascade Coordinator

**Table 1. Current X-333 NDA measurement results (continued)**

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method
X-333	33-1	10	4	33-1-10 Compressor	Compressor	0.529	205	166 Grams	49	Grams	90	53	143	Cascade Coordinator
X-333	33-1	10	4	33-1-10 Converter	Converter	0.529	205	458 Grams	119	Grams	247	129	376	Cascade Coordinator
X-333	33-1	10	5	33-1-10 Compressor	Compressor	0.529	205	259 Grams	63	Grams	140	70	210	Cascade Coordinator
X-333	33-1	10	5	33-1-10 Converter	Converter	0.529	205	338 Grams	114	Grams	183	123	305	Cascade Coordinator
X-333	33-1	10	6	33-1-10 Compressor	Compressor	0.529	205	155 Grams	38	Grams	84	42	126	Cascade Coordinator
X-333	33-1	10	6	33-1-10 Converter	Converter	0.529	205	399 Grams	117	Grams	215	127	342	Cascade Coordinator
X-333	33-1	10	7	33-1-10 Compressor	Compressor	0.529	205	198 Grams	40	Grams	107	54	161	Cascade Coordinator
X-333	33-1	10	7	33-1-10 Converter	Converter	0.529	205	376 Grams	116	Grams	203	126	328	Cascade Coordinator
A-13	33-1	10	8	33-1-10 Compressor	Compressor	0.529	205	125 Grams	37	Grams	68	40	108	Cascade Coordinator
	33-1	10	8	33-1-10 Converter	Converter	0.529	205	416 Grams	117	Grams	225	127	351	Cascade Coordinator
X-333	33-2	1	1	33-2-01 Compressor	Compressor	0.684	191	326 Grams	53	Grams	136	68	204	Measured
X-333	33-2	1	1	33-2-01 Converter	Converter	0.684	191	743 Grams	152	Grams	310	155	465	Measured
X-333	33-2	1	1	33-2-01 Cooler	Cooler	0.684	191	158 Grams	38	Grams	66	33	99	Measured
X-333	33-2	1	2	33-2-01 Compressor	Compressor	0.684	191	304 Grams	50	Grams	127	64	191	Measured
X-333	33-2	1	2	33-2-01 Converter	Converter	0.684	191	585 Grams	143	Grams	244	122	366	Measured
X-333	33-2	1	3	33-2-01 Compressor	Compressor	0.684	191	131 Grams	207	Grams	55	173	228	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-2	1	3	33-2-01 Converter	Converter	0.684	191	753	Grams	153	Grams	314	157	471	Measured	
X-333	33-2	1	4	33-2-01 Compressor	Compressor	0.684	191	402	Grams	68	Grams	168	84	252	Measured	
X-333	33-2	1	4	33-2-01 Converter	Converter	0.684	191	592	Grams	144	Grams	247	124	371	Measured	
X-333	33-2	1	5	33-2-01 Compressor	Compressor	0.684	191	506	Grams	82	Grams	211	106	317	Measured	
X-333	33-2	1	5	33-2-01 Converter	Converter	0.684	191	826	Grams	157	Grams	345	173	517	Measured	
X-333	33-2	1	6	33-2-01 Compressor	Compressor	0.684	191	330	Grams	52	Grams	138	69	207	Measured	
X-333	33-2	1	6	33-2-01 Converter	Converter	0.684	191	597	Grams	144	Grams	249	125	374	Measured	
X-333	33-2	1	7	33-2-01 Compressor	Compressor	0.684	191	398	Grams	56	Grams	166	83	249	Measured	
A-14	X-333	33-2	1	7	33-2-01 Converter	Converter	0.684	191	653	Grams	147	Grams	273	137	409	Measured
	X-333	33-2	1	8	33-2-01 Compressor	Compressor	0.684	191	348	Grams	53	Grams	146	73	218	Measured
	X-333	33-2	1	8	33-2-01 Converter	Converter	0.684	191	621	Grams	145	Grams	259	130	389	Measured
	X-333	33-2	2	1	33-2-02 Compressor	Compressor	0.703	205	264	Grams	52	Grams	108	54	161	Cascade Coordinator
	X-333	33-2	2	1	33-2-02 Converter	Converter	0.703	205	685	Grams	155	Grams	278	139	417	Cascade Coordinator
	X-333	33-2	2	1	33-2-02 Cooler	Cooler	0.703	205	214	Grams	41	Grams	87	44	131	Cascade Coordinator
	X-333	33-2	2	2	33-2-02 Compressor	Compressor	0.703	205	209	Grams	46	Grams	85	43	128	Cascade Coordinator
	X-333	33-2	2	2	33-2-02 Converter	Converter	0.703	205	723	Grams	157	Grams	294	147	440	Cascade Coordinator

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-2	2	3	33-2-02 Compressor	Compressor	0.703	205	215	Grams	47	Grams	88	44	131	Cascade Coordinator
X-333	33-2	2	3	33-2-02 Converter	Converter	0.703	205	656	Grams	153	Grams	266	133	399	Cascade Coordinator
X-333	33-2	2	4	33-2-02 Compressor	Compressor	0.703	205	316	Grams	70	Grams	129	65	193	Cascade Coordinator
X-333	33-2	2	4	33-2-02 Converter	Converter	0.703	205	680	Grams	154	Grams	276	138	414	Cascade Coordinator
X-333	33-2	2	5	33-2-02 Compressor	Compressor	0.703	205	332	Grams	82	Grams	135	68	202	Cascade Coordinator
X-333	33-2	2	5	33-2-02 Converter	Converter	0.703	205	716	Grams	156	Grams	291	146	436	Cascade Coordinator
X-333	33-2	2	6	33-2-02 Compressor	Compressor	0.703	205	223	Grams	47	Grams	91	46	136	Cascade Coordinator
X-333	33-2	2	6	33-2-02 Converter	Converter	0.703	205	572	Grams	149	Grams	232	121	353	Cascade Coordinator
A-15	33-2	2	7	33-2-02 Compressor	Compressor	0.703	205	185	Grams	44	Grams	76	38	113	Cascade Coordinator
	33-2	2	7	33-2-02 Converter	Converter	0.703	205	723	Grams	157	Grams	294	147	440	Cascade Coordinator
X-333	33-2	2	8	33-2-02 Compressor	Compressor	0.703	205	215	Grams	47	Grams	88	44	131	Cascade Coordinator
X-333	33-2	2	8	33-2-02 Converter	Converter	0.703	205	568	Grams	149	Grams	231	121	352	Cascade Coordinator
X-333	33-2	3	1	33-2-03 Compressor	Compressor	0.602	205	264	Grams	46	Grams	126	63	188	Cascade Coordinator
X-333	33-2	3	1	33-2-03 Converter	Converter	0.602	205	1412	Grams	194	Grams	669	335	1003	Cascade Coordinator
X-333	33-2	3	1	33-2-03 Cooler	Cooler	0.602	205	2	Grams	25	Grams	1	24	25	Cascade Coordinator
X-333	33-2	3	2	33-2-03 Compressor	Compressor	0.602	205	248	Grams	46	Grams	118	59	177	Cascade Coordinator

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-2	3	2	33-2-03 Converter	Converter	0.602	205	770	Grams	148	Grams	365	183	547	Cascade	
X-333	33-2	3	3	33-2-03 Compressor	Compressor	0.602	205	19	Grams	30	Grams	9	29	38	Coordinator	
X-333	33-2	3	3	33-2-03 Converter	Converter	0.602	205	863	Grams	154	Grams	409	205	613	Cascade	
X-333	33-2	3	4	33-2-03 Compressor	Compressor	0.602	205	292	Grams	70	Grams	139	70	208	Coordinator	
X-333	33-2	3	4	33-2-03 Converter	Converter	0.602	205	917	Grams	158	Grams	435	218	652	Cascade	
X-333	33-2	3	5	33-2-03 Compressor	Compressor	0.602	205	364	Grams	65	Grams	173	87	259	Coordinator	
X-333	33-2	3	5	33-2-03 Converter	Converter	0.602	205	878	Grams	155	Grams	416	208	624	Coordinator	
X-333	33-2	3	6	33-2-03 Compressor	Compressor	0.602	205	204	Grams	44	Grams	97	49	145	Cascade	
A-16	X-333	33-2	3	6	33-2-03 Converter	Converter	0.602	205	911	Grams	157	Grams	432	216	648	Coordinator
	X-333	33-2	3	7	33-2-03 Compressor	Compressor	0.602	205	314	Grams	50	Grams	149	75	224	Coordinator
	X-333	33-2	3	7	33-2-03 Converter	Converter	0.602	205	661	Grams	142	Grams	313	157	470	Coordinator
	X-333	33-2	3	8	33-2-03 Compressor	Compressor	0.602	205	0	Grams	30	Grams	0	29	29	Coordinator
	X-333	33-2	3	8	33-2-03 Converter	Converter	0.602	205	1072	Grams	168	Grams	508	254	762	Coordinator
	X-333	33-2	4	1	33-2-04 Compressor	Compressor	1.049	172	436	Grams	66	Grams	119	60	178	Measured
	X-333	33-2	4	1	33-2-04 Converter	Converter	1.049	172	492	Grams	167	Grams	134	91	225	Measured
	X-333	33-2	4	1	33-2-04 Cooler	Cooler	1.049	172	117	Grams	43	Grams	32	24	56	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-2	4	2	33-2-04 Compressor	Compressor	1.049	172	457	Grams	68	Grams	125	63	187	Measured
X-333	33-2	4	2	33-2-04 Converter	Converter	1.049	172	527	Grams	168	Grams	144	92	235	Measured
X-333	33-2	4	3	33-2-04 Compressor	Compressor	1.049	172	638	Grams	82	Grams	174	87	261	Measured
X-333	33-2	4	3	33-2-04 Converter	Converter	1.049	172	703	Grams	177	Grams	192	97	288	Measured
X-333	33-2	4	4	33-2-04 Compressor	Compressor	1.049	172	514	Grams	86	Grams	140	70	210	Measured
X-333	33-2	4	4	33-2-04 Converter	Converter	1.049	172	548	Grams	169	Grams	149	92	241	Measured
X-333	33-2	4	5	33-2-04 Compressor	Compressor	1.049	172	555	Grams	94	Grams	151	76	227	Measured
X-333	33-2	4	5	33-2-04 Converter	Converter	1.049	172	571	Grams	170	Grams	156	93	248	Measured
A-17	33-2	4	6	33-2-04 Compressor	Compressor	1.049	172	0	Grams	114	Grams	0	62	62	Measured
	33-2	4	6	33-2-04 Converter	Converter	1.049	172	639	Grams	173	Grams	174	95	268	Measured
	33-2	4	7	33-2-04 Compressor	Compressor	1.049	172	417	Grams	64	Grams	114	57	170	Measured
	33-2	4	7	33-2-04 Converter	Converter	1.049	172	581	Grams	171	Grams	158	93	251	Measured
	33-2	4	8	33-2-04 Compressor	Compressor	1.049	172	386	Grams	63	Grams	105	53	158	Measured
	33-2	4	8	33-2-04 Converter	Converter	1.049	172	474	Grams	166	Grams	129	91	220	Measured
	33-2	5	1	33-2-05 Compressor	Compressor	0.868	176	433	Grams	63	Grams	143	72	214	Measured
	33-2	5	1	33-2-05 Converter	Converter	0.868	176	1394	Grams	212	Grams	458	229	687	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-2	5	1	33-2-05 Cooler	Cooler	0.868	176	372	Grams	54	Grams	123	62	184	Measured	
X-333	33-2	5	2	33-2-05 Compressor	Compressor	0.868	176	433	Grams	64	Grams	143	72	214	Measured	
X-333	33-2	5	2	33-2-05 Converter	Converter	0.868	176	1513	Grams	221	Grams	497	249	746	Measured	
X-333	33-2	5	3	33-2-05 Compressor	Compressor	0.868	176	0	Grams	243	Grams	0	160	160	Measured	
X-333	33-2	5	3	33-2-05 Converter	Converter	0.868	176	1357	Grams	209	Grams	446	223	669	Measured	
X-333	33-2	5	4	33-2-05 Compressor	Compressor	0.868	176	478	Grams	81	Grams	157	79	236	Measured	
X-333	33-2	5	4	33-2-05 Converter	Converter	0.868	176	1517	Grams	221	Grams	499	250	748	Measured	
X-333	33-2	5	5	33-2-05 Compressor	Compressor	0.868	176	640	Grams	98	Grams	211	106	316	Measured	
A-18	X-333	33-2	5	5	33-2-05 Converter	Converter	0.868	176	924	Grams	180	Grams	304	152	456	Measured
	X-333	33-2	5	6	33-2-05 Compressor	Compressor	0.868	176	347	Grams	58	Grams	114	57	171	Measured
	X-333	33-2	5	6	33-2-05 Converter	Converter	0.868	176	1123	Grams	193	Grams	369	185	554	Measured
	X-333	33-2	5	7	33-2-05 Compressor	Compressor	0.868	176	447	Grams	65	Grams	147	74	221	Measured
	X-333	33-2	5	7	33-2-05 Converter	Converter	0.868	176	916	Grams	180	Grams	301	151	452	Measured
	X-333	33-2	5	8	33-2-05 Compressor	Compressor	0.868	176	392	Grams	59	Grams	129	65	194	Measured
	X-333	33-2	5	8	33-2-05 Converter	Converter	0.868	176	1054	Grams	188	Grams	347	174	520	Measured
	X-333	33-2	6	1	33-2-06 Compressor	Compressor	0.708	191	181	Grams	47	Grams	73	38	111	Cascade Coordinator

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-2	6	1	33-2-06 Converter	Converter	0.708	191	1025	Grams	173	Grams	413	207	620	Cascade Coordinator	
X-333	33-2	6	1	33-2-06 Cooler	Cooler	0.708	191	152	Grams	38	Grams	62	31	92	Cascade Coordinator	
X-333	33-2	6	2	33-2-06 Compressor	Compressor	0.708	191	221	Grams	47	Grams	89	45	134	Cascade Coordinator	
X-333	33-2	6	2	33-2-06 Converter	Converter	0.708	191	1183	Grams	185	Grams	477	239	715	Cascade Coordinator	
X-333	33-2	6	3	33-2-06 Compressor	Compressor	0.708	191	185	Grams	45	Grams	75	38	112	Cascade Coordinator	
X-333	33-2	6	3	33-2-06 Converter	Converter	0.708	191	1197	Grams	186	Grams	482	241	723	Cascade Coordinator	
X-333	33-2	6	4	33-2-06 Compressor	Compressor	0.708	191	169	Grams	52	Grams	69	42	110	Cascade Coordinator	
X-333	33-2	6	4	33-2-06 Converter	Converter	0.708	191	604	Grams	148	Grams	244	122	365	Cascade Coordinator	
A-16	X-333	33-2	6	5	33-2-06 Compressor	Compressor	0.708	191	247	Grams	69	Grams	100	56	156	Cascade Coordinator
	X-333	33-2	6	5	33-2-06 Converter	Converter	0.708	191	844	Grams	162	Grams	340	170	510	Cascade Coordinator
X-333	33-2	6	6	33-2-06 Compressor	Compressor	0.708	191	210	Grams	46	Grams	85	43	127	Cascade Coordinator	
X-333	33-2	6	6	33-2-06 Converter	Converter	0.708	191	763	Grams	157	Grams	308	154	461	Cascade Coordinator	
X-333	33-2	6	7	33-2-06 Compressor	Compressor	0.708	191	177	Grams	45	Grams	72	37	108	Cascade Coordinator	
X-333	33-2	6	7	33-2-06 Converter	Converter	0.708	191	683	Grams	152	Grams	275	138	413	Cascade Coordinator	
X-333	33-2	6	8	33-2-06 Compressor	Compressor	0.708	191	219	Grams	47	Grams	89	45	133	Cascade Coordinator	
X-333	33-2	6	8	33-2-06 Converter	Converter	0.708	191	721	Grams	154	Grams	291	146	436	Cascade Coordinator	

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method
X-333	33-2	7	1	33-2-07 Compressor	Compressor	0.731	189	196 Grams	48	Grams	77	39	115	Cascade Coordinator
X-333	33-2	7	1	33-2-07 Converter	Converter	0.731	189	915 Grams	167	Grams	357	179	536	Cascade Coordinator
X-333	33-2	7	1	33-2-07 Cooler	Cooler	0.731	189	199 Grams	40	Grams	78	39	117	Cascade Coordinator
X-333	33-2	7	2	33-2-07 Compressor	Compressor	0.731	189	216 Grams	47	Grams	85	43	127	Cascade Coordinator
X-333	33-2	7	2	33-2-07 Converter	Converter	0.731	189	746 Grams	158	Grams	291	146	437	Cascade Coordinator
X-333	33-2	7	3	33-2-07 Compressor	Compressor	0.731	189	230 Grams	48	Grams	90	45	135	Cascade Coordinator
X-333	33-2	7	3	33-2-07 Converter	Converter	0.731	189	924 Grams	169	Grams	361	181	541	Cascade Coordinator
X-333	33-2	7	4	33-2-07 Compressor	Compressor	0.731	189	315 Grams	75	Grams	123	62	185	Cascade Coordinator
A-20	33-2	7	4	33-2-07 Converter	Converter	0.731	189	868 Grams	166	Grams	339	170	508	Cascade Coordinator
	33-2	7	5	33-2-07 Compressor	Compressor	0.731	189	276 Grams	72	Grams	108	57	164	Cascade Coordinator
	33-2	7	5	33-2-07 Converter	Converter	0.731	189	810 Grams	161	Grams	316	158	474	Cascade Coordinator
	33-2	7	6	33-2-07 Compressor	Compressor	0.731	189	248 Grams	49	Grams	97	49	146	Cascade Coordinator
	33-2	7	6	33-2-07 Converter	Converter	0.731	189	944 Grams	170	Grams	369	185	553	Cascade Coordinator
	33-2	7	7	33-2-07 Compressor	Compressor	0.731	189	225 Grams	48	Grams	88	44	132	Cascade Coordinator
	33-2	7	7	33-2-07 Converter	Converter	0.731	189	872 Grams	166	Grams	341	171	511	Cascade Coordinator
	33-2	7	8	33-2-07 Compressor	Compressor	0.731	189	170 Grams	46	Grams	67	36	103	Cascade Coordinator

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method
X-333	33-2	7	8	33-2-07 Converter	Converter	0.731	189	692 Grams	154	Grams	270	135	405	Cascade
X-333	33-2	8	1	33-2-08 Compressor	Compressor	0.791	181	249 Grams	50	Grams	90	45	135	Coordinator
X-333	33-2	8	1	33-2-08 Converter	Converter	0.791	181	913 Grams	171	Grams	330	165	494	Cascade
X-333	33-2	8	1	33-2-08 Cooler	Cooler	0.791	181	230 Grams	45	Grams	83	42	125	Coordinator
X-333	33-2	8	2	33-2-08 Compressor	Compressor	0.791	181	262 Grams	51	Grams	95	48	142	Cascade
X-333	33-2	8	2	33-2-08 Converter	Converter	0.791	181	628 Grams	155	Grams	227	114	340	Coordinator
X-333	33-2	8	3	33-2-08 Compressor	Compressor	0.791	181	239 Grams	50	Grams	87	44	130	Cascade
X-333	33-2	8	3	33-2-08 Converter	Converter	0.791	181	785 Grams	164	Grams	283	142	425	Cascade
A-21	33-2	8	4	33-2-08 Compressor	Compressor	0.791	181	247 Grams	67	Grams	90	49	138	Cascade
	33-2	8	4	33-2-08 Converter	Converter	0.791	181	747 Grams	161	Grams	270	135	404	Coordinator
	33-2	8	5	33-2-08 Compressor	Compressor	0.791	181	588 Grams	108	Grams	212	106	318	Cascade
	33-2	8	5	33-2-08 Converter	Converter	0.791	181	719 Grams	160	Grams	260	130	389	Coordinator
	33-2	8	6	33-2-08 Compressor	Compressor	0.791	181	0 Grams	228	Grams	0	165	165	Cascade
	33-2	8	6	33-2-08 Converter	Converter	0.791	181	882 Grams	169	Grams	318	159	477	Coordinator
	33-2	8	7	33-2-08 Compressor	Compressor	0.791	181	225 Grams	49	Grams	82	41	122	Cascade
X-333	33-2	8	7	33-2-08 Converter	Converter	0.791	181	760 Grams	162	Grams	274	137	411	Coordinator

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-2	8	8	33-2-08 Compressor	Compressor	0.791	181	189	Grams	46	Grams	69	35	103	Cascade Coordinator	
X-333	33-2	8	8	33-2-08 Converter	Converter	0.791	181	884	Grams	169	Grams	319	160	478	Cascade Coordinator	
X-333	33-2	9	1	33-2-09 Compressor	Compressor	0.769	182	190	Grams	47	Grams	71	36	106	Cascade Coordinator	
X-333	33-2	9	1	33-2-09 Converter	Converter	0.769	182	710	Grams	160	Grams	264	132	395	Cascade Coordinator	
X-333	33-2	9	1	33-2-09 Cooler	Cooler	0.769	182	169	Grams	38	Grams	63	32	94	Cascade Coordinator	
X-333	33-2	9	2	33-2-09 Compressor	Compressor	0.769	182	391	Grams	59	Grams	145	73	218	Cascade Coordinator	
X-333	33-2	9	2	33-2-09 Converter	Converter	0.769	182	721	Grams	160	Grams	268	134	401	Cascade Coordinator	
X-333	33-2	9	3	33-2-09 Compressor	Compressor	0.769	182	262	Grams	50	Grams	98	49	146	Cascade Coordinator	
A-22	X-333	33-2	9	3	33-2-09 Converter	Converter	0.769	182	781	Grams	164	Grams	290	145	435	Cascade Coordinator
	X-333	33-2	9	4	33-2-09 Compressor	Compressor	0.769	182	601	Grams	96	Grams	223	112	335	Cascade Coordinator
	X-333	33-2	9	4	33-2-09 Converter	Converter	0.769	182	562	Grams	152	Grams	209	113	322	Cascade Coordinator
	X-333	33-2	9	5	33-2-09 Compressor	Compressor	0.769	182	443	Grams	69	Grams	165	83	247	Cascade Coordinator
	X-333	33-2	9	5	33-2-09 Converter	Converter	0.769	182	767	Grams	163	Grams	285	143	427	Cascade Coordinator
	X-333	33-2	9	6	33-2-09 Compressor	Compressor	0.769	182	349	Grams	56	Grams	130	65	195	Cascade Coordinator
	X-333	33-2	9	6	33-2-09 Converter	Converter	0.769	182	675	Grams	158	Grams	251	126	376	Cascade Coordinator
	X-333	33-2	9	7	33-2-09 Compressor	Compressor	0.769	182	585	Grams	76	Grams	217	109	326	Cascade Coordinator

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc	Count_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-2	9	7	33-2-09 Converter	Converter	0.769	182	694	Grams	159	Grams	258	129	386	Cascade	
X-333	33-2	9	8	33-2-09 Compressor	Compressor	0.769	182	394	Grams	59	Grams	147	74	220	Cascade	
X-333	33-2	9	8	33-2-09 Converter	Converter	0.769	182	654	Grams	157	Grams	243	122	364	Cascade	
X-333	33-2	10	1	33-2-10 Compressor	Compressor	0.955	169	353	Grams	61	Grams	106	53	159	Coordinator	
X-333	33-2	10	1	33-2-10 Converter	Converter	0.955	169	527	Grams	161	Grams	158	97	254	Measured	
X-333	33-2	10	1	33-2-10 Cooler	Cooler	0.955	169	143	Grams	42	Grams	43	26	68	Measured	
X-333	33-2	10	2	33-2-10 Compressor	Compressor	0.955	169	300	Grams	55	Grams	90	45	135	Measured	
X-333	33-2	10	2	33-2-10 Converter	Converter	0.955	169	648	Grams	166	Grams	194	100	293	Measured	
A-23	X-333	33-2	10	3	33-2-10 Compressor	Compressor	0.955	169	314	Grams	56	Grams	94	47	141	Measured
	X-333	33-2	10	3	33-2-10 Converter	Converter	0.955	169	650	Grams	166	Grams	195	100	294	Measured
	X-333	33-2	10	4	33-2-10 Compressor	Compressor	0.955	169	313	Grams	72	Grams	94	47	141	Measured
	X-333	33-2	10	4	33-2-10 Converter	Converter	0.955	169	592	Grams	164	Grams	177	98	275	Measured
	X-333	33-2	10	5	33-2-10 Compressor	Compressor	0.955	169	521	Grams	90	Grams	156	78	234	Measured
	X-333	33-2	10	5	33-2-10 Converter	Converter	0.955	169	997	Grams	186	Grams	298	149	447	Measured
	X-333	33-2	10	6	33-2-10 Compressor	Compressor	0.955	169	324	Grams	57	Grams	97	49	146	Measured
	X-333	33-2	10	6	33-2-10 Converter	Converter	0.955	169	762	Grams	172	Grams	228	114	342	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-2	10	7	33-2-10 Compressor	Compressor	0.955	169	327	Grams	57	Grams	98	49	147	Measured
X-333	33-2	10	7	33-2-10 Converter	Converter	0.955	169	691	Grams	168	Grams	207	104	310	Measured
X-333	33-2	10	8	33-2-10 Compressor	Compressor	0.955	169	292	Grams	55	Grams	88	44	131	Measured
X-333	33-2	10	8	33-2-10 Converter	Converter	0.955	169	730	Grams	170	Grams	218	109	327	Measured
X-333	33-3	1	1	33-3-01 Compressor	Compressor	1.039	173	443	Grams	84	Grams	122	61	183	Maximum
X-333	33-3	1	1	33-3-01 Converter	Converter	1.039	173	700	Grams	178	Grams	193	98	290	Maximum
X-333	33-3	1	1	33-3-01 Cooler	Cooler	1.039	173	83	Grams	42	Grams	23	24	46	Maximum
X-333	33-3	1	2	33-3-01 Compressor	Compressor	1.039	173	527	Grams	74	Grams	145	73	217	Maximum
A-24	33-3	1	2	33-3-01 Converter	Converter	1.039	173	679	Grams	177	Grams	187	98	284	Maximum
	33-3	1	3	33-3-01 Compressor	Compressor	1.039	173	0	Grams	259	Grams	0	143	143	Maximum
	33-3	1	3	33-3-01 Converter	Converter	1.039	173	775	Grams	182	Grams	213	107	319	Maximum
	33-3	1	4	33-3-01 Compressor	Compressor	1.039	173	468	Grams	90	Grams	129	65	193	Maximum
	33-3	1	4	33-3-01 Converter	Converter	1.039	173	776	Grams	182	Grams	213	107	320	Maximum
	33-3	1	5	33-3-01 Compressor	Compressor	1.039	173	500	Grams	97	Grams	138	69	206	Maximum
	33-3	1	5	33-3-01 Converter	Converter	1.039	173	837	Grams	186	Grams	230	115	345	Maximum
	33-3	1	6	33-3-01 Compressor	Compressor	1.039	173	518	Grams	73	Grams	143	72	214	Maximum

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc	Count_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method
X-333	33-3	1	6	33-3-01 Converter	Converter	1.039	173	896	Grams	189	Grams	246	123	369	Maximum
X-333	33-3	1	7	33-3-01 Compressor	Compressor	1.039	173	493	Grams	71	Grams	136	68	203	Maximum
X-333	33-3	1	7	33-3-01 Converter	Converter	1.039	173	831	Grams	185	Grams	228	114	342	Maximum
X-333	33-3	1	8	33-3-01 Compressor	Compressor	1.039	173	359	Grams	61	Grams	99	50	148	Maximum
X-333	33-3	1	8	33-3-01 Converter	Converter	1.039	173	489	Grams	170	Grams	135	94	228	Maximum
X-333	33-3	2	1	33-3-02 Compressor	Compressor	0.868	176	325	Grams	55	Grams	107	54	161	Measured
X-333	33-3	2	1	33-3-02 Converter	Converter	0.868	176	648	Grams	164	Grams	213	108	321	Measured
X-333	33-3	2	1	33-3-02 Cooler	Cooler	0.868	176	269	Grams	47	Grams	89	45	133	Measured
A-25	33-3	2	2	33-3-02 Compressor	Compressor	0.868	176	285	Grams	53	Grams	94	47	141	Measured
	33-3	2	2	33-3-02 Converter	Converter	0.868	176	677	Grams	165	Grams	223	112	334	Measured
	33-3	2	3	33-3-02 Compressor	Compressor	0.868	176	332	Grams	56	Grams	110	55	164	Measured
	33-3	2	3	33-3-02 Converter	Converter	0.868	176	808	Grams	172	Grams	266	133	399	Measured
	33-3	2	4	33-3-02 Compressor	Compressor	0.868	176	480	Grams	80	Grams	158	79	237	Measured
	33-3	2	4	33-3-02 Converter	Converter	0.868	176	838	Grams	174	Grams	276	138	413	Measured
	33-3	2	5	33-3-02 Compressor	Compressor	0.868	176	391	Grams	72	Grams	129	65	193	Measured
	33-3	2	5	33-3-02 Converter	Converter	0.868	176	870	Grams	176	Grams	286	143	429	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-3	2	6	33-3-02 Compressor	Compressor	0.868	176	326	Grams	56	Grams	108	54	161	Measured
X-333	33-3	2	6	33-3-02 Converter	Converter	0.868	176	695	Grams	166	Grams	229	115	343	Measured
X-333	33-3	2	7	33-3-02 Compressor	Compressor	0.868	176	312	Grams	55	Grams	103	52	154	Measured
X-333	33-3	2	7	33-3-02 Converter	Converter	0.868	176	906	Grams	178	Grams	298	149	447	Measured
X-333	33-3	2	8	33-3-02 Compressor	Compressor	0.868	176	437	Grams	64	Grams	144	72	216	Measured
X-333	33-3	2	8	33-3-02 Converter	Converter	0.868	176	1035	Grams	186	Grams	340	170	510	Measured
X-333	33-3	3	1	33-3-03 Compressor	Compressor	0.969	168	494	Grams	72	Grams	146	73	218	Measured
X-333	33-3	3	1	33-3-03 Converter	Converter	0.969	168	947	Grams	187	Grams	279	140	418	Measured
A-26	33-3	3	1	33-3-03 Cooler	Cooler	0.969	168	301	Grams	50	Grams	89	45	133	Measured
	33-3	3	2	33-3-03 Compressor	Compressor	0.969	168	468	Grams	67	Grams	138	69	207	Measured
	33-3	3	2	33-3-03 Converter	Converter	0.969	168	743	Grams	176	Grams	219	110	328	Measured
	33-3	3	3	33-3-03 Compressor	Compressor	0.969	168	527	Grams	71	Grams	156	78	233	Measured
	33-3	3	3	33-3-03 Converter	Converter	0.969	168	988	Grams	190	Grams	291	146	436	Measured
	33-3	3	4	33-3-03 Compressor	Compressor	0.969	168	614	Grams	97	Grams	181	91	271	Measured
	33-3	3	4	33-3-03 Converter	Converter	0.969	168	965	Grams	188	Grams	284	142	426	Measured
	33-3	3	5	33-3-03 Compressor	Compressor	0.969	168	595	Grams	90	Grams	176	88	263	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-3	3	5	33-3-03 Converter	Converter	0.969	168	964	Grams	188	Grams	284	142	426	Measured
X-333	33-3	3	6	33-3-03 Compressor	Compressor	0.969	168	539	Grams	72	Grams	159	80	238	Measured
X-333	33-3	3	6	33-3-03 Converter	Converter	0.969	168	1070	Grams	195	Grams	315	158	473	Measured
X-333	33-3	3	7	33-3-03 Compressor	Compressor	0.969	168	558	Grams	74	Grams	165	83	247	Measured
X-333	33-3	3	7	33-3-03 Converter	Converter	0.969	168	1194	Grams	203	Grams	352	176	527	Measured
X-333	33-3	3	8	33-3-03 Compressor	Compressor	0.969	168	647	Grams	81	Grams	191	96	286	Measured
X-333	33-3	3	8	33-3-03 Converter	Converter	0.969	168	1084	Grams	196	Grams	319	160	479	Measured
X-333	33-3	4	1	33-3-04 Compressor	Compressor	0.737	167	0	Grams	0	Grams	0	0	0	Measured
A-27	33-3	4	1	33-3-04 Converter	Converter	0.737	167	1046	Grams	178	Grams	405	203	607	Measured
	33-3	4	1	33-3-04 Cooler	Cooler	0.737	167	258	Grams	43	Grams	100	50	150	Measured
	33-3	4	2	33-3-04 Compressor	Compressor	0.737	167	0	Grams	0	Grams	0	0	0	Measured
	33-3	4	2	33-3-04 Converter	Converter	0.737	167	988	Grams	175	Grams	383	192	574	Measured
	33-3	4	3	33-3-04 Compressor	Compressor	0.737	167	0	Grams	0	Grams	0	0	0	Measured
	33-3	4	3	33-3-04 Converter	Converter	0.737	167	1022	Grams	176	Grams	396	198	593	Measured
	33-3	4	4	33-3-04 Compressor	Compressor	0.737	167	1868	Grams	217	Grams	723	362	1084	Measured
	33-3	4	4	33-3-04 Converter	Converter	0.737	167	1140	Grams	184	Grams	441	221	662	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-3	4	5	33-3-04 Compressor	Compressor	0.737	167	2302	Grams	263	Grams	891	446	1336	Measured
X-333	33-3	4	5	33-3-04 Converter	Converter	0.737	167	970	Grams	173	Grams	376	188	563	Measured
X-333	33-3	4	6	33-3-04 Compressor	Compressor	0.737	167	0	Grams	0	Grams	0	0	0	Measured
X-333	33-3	4	6	33-3-04 Converter	Converter	0.737	167	1283	Grams	195	Grams	497	249	745	Measured
X-333	33-3	4	7	33-3-04 Compressor	Compressor	0.737	167	0	Grams	0	Grams	0	0	0	Measured
X-333	33-3	4	7	33-3-04 Converter	Converter	0.737	167	1130	Grams	184	Grams	438	219	656	Measured
X-333	33-3	4	8	33-3-04 Compressor	Compressor	0.737	167	0	Grams	0	Grams	0	0	0	Measured
X-333	33-3	4	8	33-3-04 Converter	Converter	0.737	167	1055	Grams	179	Grams	409	205	613	Measured
A-28	33-3	5	1	33-3-05 Compressor	Compressor	1.057	169	419	Grams	66	Grams	113	57	170	Maximum
	33-3	5	1	33-3-05 Converter	Converter	1.057	169	884	Grams	189	Grams	239	120	358	Maximum
	33-3	5	1	33-3-05 Cooler	Cooler	1.057	169	88	Grams	43	Grams	24	24	47	Maximum
	33-3	5	2	33-3-05 Compressor	Compressor	1.057	169	554	Grams	76	Grams	150	75	225	Maximum
	33-3	5	2	33-3-05 Converter	Converter	1.057	169	907	Grams	190	Grams	245	123	367	Maximum
	33-3	5	3	33-3-05 Compressor	Compressor	1.057	169	0	Grams	260	Grams	0	141	141	Maximum
	33-3	5	3	33-3-05 Converter	Converter	1.057	169	917	Grams	191	Grams	248	124	371	Maximum
	33-3	5	4	33-3-05 Compressor	Compressor	1.057	169	598	Grams	88	Grams	162	81	242	Maximum

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-3	5	4	33-3-05 Converter	Converter	1.057	169	991	Grams	195	Grams	268	134	401	Maximum	
X-333	33-3	5	5	33-3-05 Compressor	Compressor	1.057	169	623	Grams	100	Grams	169	85	253	Maximum	
X-333	33-3	5	5	33-3-05 Converter	Converter	1.057	169	870	Grams	188	Grams	235	118	352	Maximum	
X-333	33-3	5	6	33-3-05 Compressor	Compressor	1.057	169	471	Grams	69	Grams	128	64	191	Maximum	
X-333	33-3	5	6	33-3-05 Converter	Converter	1.057	169	992	Grams	195	Grams	268	134	402	Maximum	
X-333	33-3	5	7	33-3-05 Compressor	Compressor	1.057	169	400	Grams	64	Grams	108	54	162	Maximum	
X-333	33-3	5	7	33-3-05 Converter	Converter	1.057	169	912	Grams	190	Grams	246	123	369	Maximum	
X-333	33-3	5	8	33-3-05 Compressor	Compressor	1.057	169	434	Grams	66	Grams	118	59	176	Maximum	
A-29	X-333	33-3	5	8	33-3-05 Converter	Converter	1.057	169	779	Grams	183	Grams	211	106	316	Maximum
	X-333	33-3	6	1	33-3-06 Compressor	Compressor	0.926	171	530	Grams	72	Grams	164	82	245	Measured
	X-333	33-3	6	1	33-3-06 Converter	Converter	0.926	171	1277	Grams	205	Grams	394	197	590	Measured
	X-333	33-3	6	1	33-3-06 Cooler	Cooler	0.926	171	304	Grams	51	Grams	94	47	141	Measured
	X-333	33-3	6	2	33-3-06 Compressor	Compressor	0.926	171	587	Grams	76	Grams	181	91	272	Measured
	X-333	33-3	6	2	33-3-06 Converter	Converter	0.926	171	1316	Grams	208	Grams	406	203	608	Measured
	X-333	33-3	6	3	33-3-06 Compressor	Compressor	0.926	171	564	Grams	74	Grams	174	87	261	Measured
	X-333	33-3	6	3	33-3-06 Converter	Converter	0.926	171	1057	Grams	190	Grams	326	163	489	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method
X-333	33-3	6	4	33-3-06 Compressor Compressor	Compressor	0.926	171	861 Grams	125	Grams	266	133	398	Measured
X-333	33-3	6	4	33-3-06 Converter Converter	Converter	0.926	171	1233 Grams	202	Grams	380	190	570	Measured
X-333	33-3	6	5	33-3-06 Compressor Compressor	Compressor	0.926	171	1044 Grams	139	Grams	322	161	483	Measured
X-333	33-3	6	5	33-3-06 Converter Converter	Converter	0.926	171	1172 Grams	199	Grams	361	181	542	Measured
X-333	33-3	6	6	33-3-06 Compressor Compressor	Compressor	0.926	171	0 Grams	0	Grams	0	0	0	Measured
X-333	33-3	6	6	33-3-06 Converter Converter	Converter	0.926	171	963 Grams	185	Grams	297	149	445	Measured
X-333	33-3	6	7	33-3-06 Compressor Compressor	Compressor	0.926	171	578 Grams	79	Grams	178	89	267	Measured
X-333	33-3	6	7	33-3-06 Converter Converter	Converter	0.926	171	1018 Grams	189	Grams	314	157	471	Measured
A-30	33-3	6	8	33-3-06 Compressor Compressor	Compressor	0.926	171	542 Grams	79	Grams	167	84	251	Measured
	33-3	6	8	33-3-06 Converter Converter	Converter	0.926	171	1075 Grams	193	Grams	331	166	497	Measured
X-333	33-3	7	1	33-3-07 Compressor Compressor	Compressor	1.066	168	514 Grams	73	Grams	138	69	207	Maximum
X-333	33-3	7	1	33-3-07 Converter Converter	Converter	1.066	168	847 Grams	186	Grams	227	114	340	Maximum
X-333	33-3	7	1	33-3-07 Cooler Cooler	Cooler	1.066	168	280 Grams	51	Grams	75	38	113	Maximum
X-333	33-3	7	2	33-3-07 Compressor Compressor	Compressor	1.066	168	474 Grams	69	Grams	127	64	191	Maximum
X-333	33-3	7	2	33-3-07 Converter Converter	Converter	1.066	168	753 Grams	181	Grams	202	101	303	Maximum
X-333	33-3	7	3	33-3-07 Compressor Compressor	Compressor	1.066	168	432 Grams	66	Grams	116	58	174	Maximum

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-3	7	3	33-3-07 Converter	Converter	1.066	168	802	Grams	183	Grams	215	108	322	Maximum
X-333	33-3	7	4	33-3-07 Compressor	Compressor	1.066	168	376	Grams	62	Grams	101	51	151	Maximum
X-333	33-3	7	4	33-3-07 Converter	Converter	1.066	168	879	Grams	187	Grams	236	118	353	Maximum
X-333	33-3	7	5	33-3-07 Compressor	Compressor	1.066	168	583	Grams	109	Grams	156	78	234	Maximum
X-333	33-3	7	5	33-3-07 Converter	Converter	1.066	168	868	Grams	187	Grams	233	117	349	Maximum
X-333	33-3	7	6	33-3-07 Compressor	Compressor	1.066	168	553	Grams	75	Grams	148	74	222	Maximum
X-333	33-3	7	6	33-3-07 Converter	Converter	1.066	168	865	Grams	187	Grams	232	116	347	Maximum
X-333	33-3	7	7	33-3-07 Compressor	Compressor	1.066	168	488	Grams	71	Grams	131	66	196	Maximum
A-31	33-3	7	7	33-3-07 Converter	Converter	1.066	168	897	Grams	189	Grams	240	120	360	Maximum
	33-3	7	8	33-3-07 Compressor	Compressor	1.066	168	413	Grams	65	Grams	111	56	166	Maximum
	33-3	7	8	33-3-07 Converter	Converter	1.066	168	674	Grams	177	Grams	181	95	275	Maximum
	33-3	8	1	33-3-08 Compressor	Compressor	0.914	172	435	Grams	81	Grams	136	68	204	Measured
	33-3	8	1	33-3-08 Converter	Converter	0.914	172	1152	Grams	195	Grams	360	180	539	Measured
	33-3	8	1	33-3-08 Cooler	Cooler	0.914	172	43	Grams	39	Grams	14	25	38	Measured
	33-3	8	2	33-3-08 Compressor	Compressor	0.914	172	424	Grams	64	Grams	133	67	199	Measured
	33-3	8	2	33-3-08 Converter	Converter	0.914	172	1103	Grams	192	Grams	344	172	516	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method
X-333	33-3	8	3	33-3-08 Compressor	Compressor	0.914	172	361 Grams	59	Grams	113	57	169	Measured
X-333	33-3	8	3	33-3-08 Converter	Converter	0.914	172	1050 Grams	189	Grams	328	164	492	Measured
X-333	33-3	8	4	33-3-08 Compressor	Compressor	0.914	172	357 Grams	74	Grams	112	56	168	Measured
X-333	33-3	8	4	33-3-08 Converter	Converter	0.914	172	1093 Grams	191	Grams	341	171	512	Measured
X-333	33-3	8	5	33-3-08 Compressor	Compressor	0.914	172	553 Grams	122	Grams	173	87	259	Measured
X-333	33-3	8	5	33-3-08 Converter	Converter	0.914	172	993 Grams	185	Grams	310	155	465	Measured
X-333	33-3	8	6	33-3-08 Compressor	Compressor	0.914	172	0 Grams	254	Grams	0	159	159	Measured
X-333	33-3	8	6	33-3-08 Converter	Converter	0.914	172	1118 Grams	193	Grams	349	175	524	Measured
A-32	33-3	8	7	33-3-08 Compressor	Compressor	0.914	172	0 Grams	68	Grams	0	43	43	Measured
	33-3	8	7	33-3-08 Converter	Converter	0.914	172	1180 Grams	197	Grams	369	185	553	Measured
	33-3	8	8	33-3-08 Compressor	Compressor	0.914	172	318 Grams	57	Grams	100	50	149	Measured
	33-3	8	8	33-3-08 Converter	Converter	0.914	172	849 Grams	176	Grams	265	133	398	Measured
	33-3	9	1	33-3-09 Compressor	Compressor	0.848	177	247 Grams	51	Grams	84	42	125	Measured
	33-3	9	1	33-3-09 Converter	Converter	0.848	177	530 Grams	156	Grams	179	105	284	Measured
	33-3	9	1	33-3-09 Cooler	Cooler	0.848	177	58 Grams	36	Grams	20	25	44	Measured
	33-3	9	2	33-3-09 Compressor	Compressor	0.848	177	334 Grams	56	Grams	113	57	169	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc	Count_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method
X-333	33-3	9	2	33-3-09 Converter	Converter	0.848	177	765	Grams	168	Grams	258	129	386	Measured
X-333	33-3	9	3	33-3-09 Compressor	Compressor	0.848	177	273	Grams	53	Grams	92	46	138	Measured
X-333	33-3	9	3	33-3-09 Converter	Converter	0.848	177	708	Grams	165	Grams	238	119	357	Measured
X-333	33-3	9	4	33-3-09 Compressor	Compressor	0.848	177	438	Grams	79	Grams	148	74	221	Measured
X-333	33-3	9	4	33-3-09 Converter	Converter	0.848	177	724	Grams	166	Grams	244	122	366	Measured
X-333	33-3	9	5	33-3-09 Compressor	Compressor	0.848	177	265	Grams	68	Grams	90	46	135	Measured
X-333	33-3	9	5	33-3-09 Converter	Converter	0.848	177	741	Grams	167	Grams	250	125	374	Measured
X-333	33-3	9	6	33-3-09 Compressor	Compressor	0.848	177	373	Grams	59	Grams	126	63	189	Measured
A-33	33-3	9	6	33-3-09 Converter	Converter	0.848	177	756	Grams	167	Grams	255	128	382	Measured
	33-3	9	7	33-3-09 Compressor	Compressor	0.848	177	264	Grams	52	Grams	89	45	134	Measured
	33-3	9	7	33-3-09 Converter	Converter	0.848	177	630	Grams	161	Grams	212	109	321	Measured
	33-3	9	8	33-3-09 Compressor	Compressor	0.848	177	404	Grams	60	Grams	136	68	204	Measured
	33-3	9	8	33-3-09 Converter	Converter	0.848	177	696	Grams	164	Grams	234	117	351	Measured
	33-3	10	1	33-3-10 Compressor	Compressor	0.651	195	254	Grams	58	Grams	112	56	167	Measured
	33-3	10	1	33-3-10 Converter	Converter	0.651	195	608	Grams	143	Grams	267	134	400	Measured
	33-3	10	1	33-3-10 Cooler	Cooler	0.651	195	53	Grams	32	Grams	24	29	52	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method
X-333	33-3	10	2	33-3-10 Compressor	Compressor	0.651	195	326 Grams	51	Grams	143	72	215	Measured
X-333	33-3	10	2	33-3-10 Converter	Converter	0.651	195	947 Grams	163	Grams	415	208	622	Measured
X-333	33-3	10	3	33-3-10 Compressor	Compressor	0.651	195	307 Grams	50	Grams	135	68	202	Measured
X-333	33-3	10	3	33-3-10 Converter	Converter	0.651	195	958 Grams	164	Grams	420	210	630	Measured
X-333	33-3	10	4	33-3-10 Compressor	Compressor	0.651	195	426 Grams	70	Grams	187	94	280	Measured
X-333	33-3	10	4	33-3-10 Converter	Converter	0.651	195	866 Grams	158	Grams	380	190	569	Measured
X-333	33-3	10	5	33-3-10 Compressor	Compressor	0.651	195	456 Grams	81	Grams	200	100	300	Measured
X-333	33-3	10	5	33-3-10 Converter	Converter	0.651	195	1242 Grams	184	Grams	544	272	816	Measured
A-34	33-3	10	6	33-3-10 Compressor	Compressor	0.651	195	342 Grams	52	Grams	150	75	225	Measured
	33-3	10	6	33-3-10 Converter	Converter	0.651	195	617 Grams	143	Grams	271	136	406	Measured
	33-3	10	7	33-3-10 Compressor	Compressor	0.651	195	268 Grams	48	Grams	118	59	177	Measured
	33-3	10	7	33-3-10 Converter	Converter	0.651	195	852 Grams	157	Grams	374	187	560	Measured
	33-3	10	8	33-3-10 Compressor	Compressor	0.651	195	323 Grams	50	Grams	142	71	213	Measured
	33-3	10	8	33-3-10 Converter	Converter	0.651	195	786 Grams	153	Grams	345	173	517	Measured
	33-4	1	1	33-4-01 Compressor	Compressor	1.377	152	584 Grams	83	Grams	121	61	182	Measured
	33-4	1	1	33-4-01 Converter	Converter	1.377	152	1273 Grams	224	Grams	264	132	396	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-4	1	1	33-4-01 Cooler Cooler	Cooler	1.377	152	235	Grams	51	Grams	49	25	73	Measured	
X-333	33-4	1	2	33-4-01 Compressor Compressor	Compressor	1.377	152	285	Grams	51	Grams	59	30	89	Measured	
X-333	33-4	1	2	33-4-01 Converter Converter	Converter	1.377	152	1275	Grams	224	Grams	264	132	396	Measured	
X-333	33-4	1	3	33-4-01 Compressor Compressor	Compressor	1.377	152	1022	Grams	319	Grams	212	133	344	Measured	
X-333	33-4	1	3	33-4-01 Converter Converter	Converter	1.377	152	1241	Grams	222	Grams	257	129	386	Measured	
X-333	33-4	1	4	33-4-01 Compressor Compressor	Compressor	1.377	152	358	Grams	75	Grams	75	38	112	Measured	
X-333	33-4	1	4	33-4-01 Converter Converter	Converter	1.377	152	1116	Grams	214	Grams	232	116	347	Measured	
X-333	33-4	1	5	33-4-01 Compressor Compressor	Compressor	1.377	152	335	Grams	79	Grams	70	35	105	Measured	
A-35	X-333	33-4	1	5	33-4-01 Converter Converter	Converter	1.377	152	953	Grams	204	Grams	198	99	296	Measured
	X-333	33-4	1	6	33-4-01 Compressor Compressor	Compressor	1.377	152	517	Grams	75	Grams	108	54	161	Measured
	X-333	33-4	1	6	33-4-01 Converter Converter	Converter	1.377	152	1150	Grams	216	Grams	239	120	358	Measured
	X-333	33-4	1	7	33-4-01 Compressor Compressor	Compressor	1.377	152	307	Grams	53	Grams	64	32	96	Measured
	X-333	33-4	1	7	33-4-01 Converter Converter	Converter	1.377	152	1091	Grams	212	Grams	226	113	339	Measured
	X-333	33-4	1	8	33-4-01 Compressor Compressor	Compressor	1.377	152	634	Grams	85	Grams	132	66	197	Measured
	X-333	33-4	1	8	33-4-01 Converter Converter	Converter	1.377	152	1133	Grams	215	Grams	235	118	352	Measured
	X-333	33-4	2	1	33-4-02 Compressor Compressor	Compressor	1.169	163	243	Grams	54	Grams	60	30	89	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-4	2	1	33-4-02 Converter	Converter	1.169	163	1608	Grams	241	Grams	393	197	589	Measured
X-333	33-4	2	1	33-4-02 Cooler	Cooler	1.169	163	301	Grams	54	Grams	74	37	111	Measured
X-333	33-4	2	2	33-4-02 Compressor	Compressor	1.169	163	824	Grams	100	Grams	201	101	302	Measured
X-333	33-4	2	2	33-4-02 Converter	Converter	1.169	163	1400	Grams	226	Grams	342	171	513	Measured
X-333	33-4	2	3	33-4-02 Compressor	Compressor	1.169	163	287	Grams	50	Grams	70	35	105	Measured
X-333	33-4	2	3	33-4-02 Converter	Converter	1.169	163	1683	Grams	246	Grams	411	206	616	Measured
X-333	33-4	2	4	33-4-02 Compressor	Compressor	1.169	163	982	Grams	130	Grams	240	120	360	Measured
X-333	33-4	2	4	33-4-02 Converter	Converter	1.169	163	1792	Grams	255	Grams	437	219	656	Measured
A-36	33-4	2	5	33-4-02 Compressor	Compressor	1.169	163	621	Grams	90	Grams	152	76	228	Measured
	33-4	2	5	33-4-02 Converter	Converter	1.169	163	1941	Grams	267	Grams	474	237	710	Measured
	33-4	2	6	33-4-02 Compressor	Compressor	1.169	163	422	Grams	59	Grams	103	52	155	Measured
	33-4	2	6	33-4-02 Converter	Converter	1.169	163	2075	Grams	277	Grams	506	253	759	Measured
	33-4	2	7	33-4-02 Compressor	Compressor	1.169	163	721	Grams	91	Grams	176	88	264	Measured
	33-4	2	7	33-4-02 Converter	Converter	1.169	163	2441	Grams	308	Grams	596	298	893	Measured
	33-4	2	8	33-4-02 Compressor	Compressor	1.169	163	1086	Grams	124	Grams	265	133	398	Measured
	33-4	2	8	33-4-02 Converter	Converter	1.169	163	3171	Grams	372	Grams	774	387	1160	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-4	3	1	33-4-03 Compressor	Compressor	1.150	165	658	Grams	85	Grams	164	82	245	Maximum
X-333	33-4	3	1	33-4-03 Converter	Converter	1.150	165	3087	Grams	366	Grams	766	383	1148	Maximum
X-333	33-4	3	1	33-4-03 Cooler	Cooler	1.150	165	471	Grams	65	Grams	117	59	176	Maximum
X-333	33-4	3	2	33-4-03 Compressor	Compressor	1.150	165	588	Grams	80	Grams	146	73	219	Maximum
X-333	33-4	3	2	33-4-03 Converter	Converter	1.150	165	2189	Grams	288	Grams	543	272	814	Maximum
X-333	33-4	3	3	33-4-03 Compressor	Compressor	1.150	165	779	Grams	95	Grams	194	97	290	Maximum
X-333	33-4	3	3	33-4-03 Converter	Converter	1.150	165	1889	Grams	264	Grams	469	235	703	Maximum
X-333	33-4	3	4	33-4-03 Compressor	Compressor	1.150	165	789	Grams	118	Grams	196	98	294	Maximum
A-37	33-4	3	4	33-4-03 Converter	Converter	1.150	165	1896	Grams	265	Grams	470	235	705	Maximum
	33-4	3	5	33-4-03 Compressor	Compressor	1.150	165	1122	Grams	147	Grams	279	140	418	Maximum
	33-4	3	5	33-4-03 Converter	Converter	1.150	165	1634	Grams	244	Grams	406	203	608	Maximum
	33-4	3	6	33-4-03 Compressor	Compressor	1.150	165	634	Grams	84	Grams	158	79	236	Maximum
	33-4	3	6	33-4-03 Converter	Converter	1.150	165	1673	Grams	247	Grams	415	208	623	Maximum
	33-4	3	7	33-4-03 Compressor	Compressor	1.150	165	728	Grams	91	Grams	181	91	271	Maximum
	33-4	3	7	33-4-03 Converter	Converter	1.150	165	1575	Grams	240	Grams	391	196	586	Maximum
	33-4	3	8	33-4-03 Compressor	Compressor	1.150	165	552	Grams	76	Grams	137	69	206	Maximum

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment Ratio		U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment Method
X-333	33-4	3	8	33-4-03 Converter	Converter	1.150	165	1540	Grams	238	Grams	382	191	573	Maximum
X-333	33-4	4	1	33-4-04 Compressor	Compressor	1.255	160	585	Grams	80	Grams	133	67	200	Maximum
X-333	33-4	4	1	33-4-04 Converter	Converter	1.255	160	740	Grams	186	Grams	169	85	253	Maximum
X-333	33-4	4	1	33-4-04 Cooler	Cooler	1.255	160	1974	Grams	206	Grams	449	225	673	Maximum
X-333	33-4	4	2	33-4-04 Compressor	Compressor	1.255	160	826	Grams	101	Grams	188	94	282	Maximum
X-333	33-4	4	2	33-4-04 Converter	Converter	1.255	160	699	Grams	184	Grams	159	84	243	Maximum
X-333	33-4	4	3	33-4-04 Compressor	Compressor	1.255	160	865	Grams	105	Grams	197	99	295	Maximum
X-333	33-4	4	3	33-4-04 Converter	Converter	1.255	160	590	Grams	179	Grams	135	82	216	Maximum
A-38	33-4	4	4	33-4-04 Compressor	Compressor	1.255	160	1309	Grams	156	Grams	298	149	446	Maximum
	33-4	4	4	33-4-04 Converter	Converter	1.255	160	845	Grams	191	Grams	192	96	288	Maximum
	33-4	4	5	33-4-04 Compressor	Compressor	1.255	160	1324	Grams	158	Grams	301	151	452	Maximum
	33-4	4	5	33-4-04 Converter	Converter	1.255	160	893	Grams	194	Grams	203	102	305	Maximum
	33-4	4	6	33-4-04 Compressor	Compressor	1.255	160	2170	Grams	370	Grams	493	247	740	Maximum
	33-4	4	6	33-4-04 Converter	Converter	1.255	160	613	Grams	180	Grams	140	82	222	Maximum
	33-4	4	7	33-4-04 Compressor	Compressor	1.255	160	1087	Grams	125	Grams	247	124	371	Maximum
	33-4	4	7	33-4-04 Converter	Converter	1.255	160	800	Grams	189	Grams	182	91	273	Maximum

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment Ratio		U-235	U-235_Unit	Count_Unc	Count_Unc	Count_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment Method	
X-333	33-4	4	8	33-4-04 Compressor	Compressor	1.255	160	1337	Grams	148		Grams	304	152	456	Maximum	
X-333	33-4	4	8	33-4-04 Converter	Converter	1.255	160	558	Grams	177		Grams	127	81	208	Maximum	
X-333	33-4	5	1	33-4-05 Compressor	Compressor	1.287	155	529	Grams	75		Grams	118	59	176	Measured	
X-333	33-4	5	1	33-4-05 Converter	Converter	1.287	155	1086	Grams	207		Grams	241	121	361	Measured	
X-333	33-4	5	1	33-4-05 Cooler	Cooler	1.287	155	208	Grams	48		Grams	47	24	70	Measured	
X-333	33-4	5	2	33-4-05 Compressor	Compressor	1.287	155	554	Grams	77		Grams	123	62	185	Measured	
X-333	33-4	5	2	33-4-05 Converter	Converter	1.287	155	1029	Grams	204		Grams	228	114	342	Measured	
X-333	33-4	5	3	33-4-05 Compressor	Compressor	1.287	155	0	Grams	276		Grams	0	123	123	Measured	
A-39	X-333	33-4	5	3	33-4-05 Converter	Converter	1.287	155	1122	Grams	210		Grams	249	125	373	Measured
	X-333	33-4	5	4	33-4-05 Compressor	Compressor	1.287	155	686	Grams	102		Grams	152	76	228	Measured
	X-333	33-4	5	4	33-4-05 Converter	Converter	1.287	155	1133	Grams	210		Grams	251	126	377	Measured
	X-333	33-4	5	5	33-4-05 Compressor	Compressor	1.287	155	702	Grams	105		Grams	156	78	234	Measured
	X-333	33-4	5	5	33-4-05 Converter	Converter	1.287	155	1312	Grams	220		Grams	291	146	436	Measured
	X-333	33-4	5	6	33-4-05 Compressor	Compressor	1.287	155	636	Grams	84		Grams	141	71	212	Measured
	X-333	33-4	5	6	33-4-05 Converter	Converter	1.287	155	1219	Grams	214		Grams	270	135	405	Measured
	X-333	33-4	5	7	33-4-05 Compressor	Compressor	1.287	155	512	Grams	73		Grams	114	57	171	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-4	5	7	33-4-05 Converter	Converter	1.287	155	1346	Grams	223	Grams	299	150	448	Measured
	33-4	5	8	33-4-05 Compressor	Compressor	1.287	155	624	Grams	83	Grams	139	70	208	Measured
	33-4	5	8	33-4-05 Converter	Converter	1.287	155	1159	Grams	210	Grams	257	129	386	Measured
	33-4	6	1	33-4-06 Compressor	Compressor	1.047	172	545	Grams	75	Grams	149	75	223	Measured
	33-4	6	1	33-4-06 Converter	Converter	1.047	172	1238	Grams	211	Grams	338	169	506	Measured
	33-4	6	1	33-4-06 Cooler	Cooler	1.047	172	579	Grams	73	Grams	158	79	237	Measured
	33-4	6	2	33-4-06 Compressor	Compressor	1.047	172	772	Grams	94	Grams	211	106	316	Measured
	33-4	6	2	33-4-06 Converter	Converter	1.047	172	1310	Grams	216	Grams	357	179	535	Measured
	33-4	6	3	33-4-06 Compressor	Compressor	1.047	172	832	Grams	100	Grams	227	114	340	Measured
	33-4	6	3	33-4-06 Converter	Converter	1.047	172	1560	Grams	234	Grams	425	213	638	Measured
	33-4	6	4	33-4-06 Compressor	Compressor	1.047	172	1258	Grams	149	Grams	343	172	514	Measured
	33-4	6	4	33-4-06 Converter	Converter	1.047	172	1809	Grams	253	Grams	493	247	739	Measured
	33-4	6	5	33-4-06 Compressor	Compressor	1.047	172	1239	Grams	148	Grams	338	169	506	Measured
	33-4	6	5	33-4-06 Converter	Converter	1.047	172	1637	Grams	240	Grams	446	223	669	Measured
	33-4	6	6	33-4-06 Compressor	Compressor	1.047	172	2009	Grams	347	Grams	547	274	821	Measured
	33-4	6	6	33-4-06 Converter	Converter	1.047	172	1682	Grams	243	Grams	458	229	687	Measured

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**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-4	6	7	33-4-06 Compressor	Compressor	1.047	172	1041	Grams	119	Grams	284	142	426	Measured	
X-333	33-4	6	7	33-4-06 Converter	Converter	1.047	172	2040	Grams	272	Grams	556	278	834	Measured	
X-333	33-4	6	8	33-4-06 Compressor	Compressor	1.047	172	1278	Grams	141	Grams	348	174	522	Measured	
X-333	33-4	6	8	33-4-06 Converter	Converter	1.047	172	2720	Grams	330	Grams	741	371	1111	Measured	
X-333	33-4	7	1	33-4-07 Compressor	Compressor	0.858	176	510	Grams	70	Grams	170	85	255	Measured	
X-333	33-4	7	1	33-4-07 Converter	Converter	0.858	176	674	Grams	157	Grams	224	112	336	Measured	
X-333	33-4	7	1	33-4-07 Cooler	Cooler	0.858	176	373	Grams	54	Grams	124	62	186	Measured	
X-333	33-4	7	2	33-4-07 Compressor	Compressor	0.858	176	642	Grams	80	Grams	214	107	320	Measured	
A-41	X-333	33-4	7	2	33-4-07 Converter	Converter	0.858	176	487	Grams	148	Grams	162	99	261	Measured
	X-333	33-4	7	3	33-4-07 Compressor	Compressor	0.858	176	604	Grams	77	Grams	201	101	301	Measured
	X-333	33-4	7	3	33-4-07 Converter	Converter	0.858	176	545	Grams	151	Grams	182	101	282	Measured
	X-333	33-4	7	4	33-4-07 Compressor	Compressor	0.858	176	866	Grams	116	Grams	288	144	432	Measured
	X-333	33-4	7	4	33-4-07 Converter	Converter	0.858	176	458	Grams	147	Grams	153	98	250	Measured
	X-333	33-4	7	5	33-4-07 Compressor	Compressor	0.858	176	718	Grams	105	Grams	239	120	358	Measured
	X-333	33-4	7	5	33-4-07 Converter	Converter	0.858	176	479	Grams	148	Grams	160	99	258	Measured
	X-333	33-4	7	6	33-4-07 Compressor	Compressor	0.858	176	580	Grams	74	Grams	193	97	290	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-4	7	6	33-4-07 Converter	Converter	0.858	176	553	Grams	151	Grams	184	101	285	Measured
X-333	33-4	7	7	33-4-07 Compressor	Compressor	0.858	176	585	Grams	78	Grams	195	98	292	Measured
X-333	33-4	7	7	33-4-07 Converter	Converter	0.858	176	614	Grams	154	Grams	204	103	307	Measured
X-333	33-4	7	8	33-4-07 Compressor	Compressor	0.858	176	404	Grams	62	Grams	135	68	202	Measured
X-333	33-4	7	8	33-4-07 Converter	Converter	0.858	176	314	Grams	141	Grams	105	94	199	Measured
X-333	33-4	8	1	33-4-08 Compressor	Compressor	1.065	136	1518	Grams	169	Grams	407	204	610	Measured
X-333	33-4	8	1	33-4-08 Converter	Converter	1.065	136	1802	Grams	242	Grams	483	242	724	Measured
X-333	33-4	8	1	33-4-08 Cooler	Cooler	1.065	136	459	Grams	66	Grams	123	62	185	Measured
A-42	33-4	8	2	33-4-08 Compressor	Compressor	1.065	136	1256	Grams	147	Grams	337	169	505	Measured
	33-4	8	2	33-4-08 Converter	Converter	1.065	136	963	Grams	180	Grams	258	129	387	Measured
	33-4	8	3	33-4-08 Compressor	Compressor	1.065	136	1200	Grams	141	Grams	322	161	482	Measured
	33-4	8	3	33-4-08 Converter	Converter	1.065	136	857	Grams	174	Grams	230	115	345	Measured
	33-4	8	4	33-4-08 Compressor	Compressor	1.065	136	1089	Grams	137	Grams	292	146	438	Measured
	33-4	8	4	33-4-08 Converter	Converter	1.065	136	833	Grams	172	Grams	223	112	335	Measured
	33-4	8	5	33-4-08 Compressor	Compressor	1.065	136	466	Grams	70	Grams	125	63	188	Measured
	33-4	8	5	33-4-08 Converter	Converter	1.065	136	710	Grams	165	Grams	191	96	286	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method
X-333	33-4	8	6	33-4-08 Compressor Compressor	Compressor	1.065	136	396 Grams	257	Grams	106	138	244	Measured
X-333	33-4	8	6	33-4-08 Converter Converter	Converter	1.065	136	661 Grams	163	Grams	177	89	266	Measured
X-333	33-4	8	7	33-4-08 Compressor Compressor	Compressor	1.065	136	330 Grams	50	Grams	89	45	133	Measured
X-333	33-4	8	7	33-4-08 Converter Converter	Converter	1.065	136	524 Grams	156	Grams	141	84	224	Measured
X-333	33-4	8	8	33-4-08 Compressor Compressor	Compressor	1.065	136	782 Grams	102	Grams	210	105	314	Measured
X-333	33-4	8	8	33-4-08 Converter Converter	Converter	1.065	136	530 Grams	157	Grams	142	85	226	Measured
X-333	33-4	9	1	33-4-09 Compressor Compressor	Compressor	1.195	162	143 Grams	43	Grams	35	21	55	Maximum
X-333	33-4	9	1	33-4-09 Converter Converter	Converter	1.195	162	710 Grams	185	Grams	170	89	258	Maximum
A-43	33-4	9	1	33-4-09 Cooler Cooler	Cooler	1.195	162	251 Grams	48	Grams	60	30	90	Maximum
	33-4	9	2	33-4-09 Compressor Compressor	Compressor	1.195	162	363 Grams	65	Grams	87	44	130	Maximum
	33-4	9	2	33-4-09 Converter Converter	Converter	1.195	162	775 Grams	188	Grams	185	93	278	Maximum
	33-4	9	3	33-4-09 Compressor Compressor	Compressor	1.195	162	203 Grams	45	Grams	49	25	73	Maximum
	33-4	9	3	33-4-09 Converter Converter	Converter	1.195	162	963 Grams	199	Grams	230	115	345	Maximum
	33-4	9	4	33-4-09 Compressor Compressor	Compressor	1.195	162	175 Grams	50	Grams	42	24	66	Maximum
	33-4	9	4	33-4-09 Converter Converter	Converter	1.195	162	944 Grams	197	Grams	226	113	338	Maximum
	33-4	9	5	33-4-09 Compressor Compressor	Compressor	1.195	162	365 Grams	99	Grams	88	48	135	Maximum

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-4	9	5	33-4-09 Converter	Converter	1.195	162	1066	Grams	206	Grams	255	128	382	Maximum	
X-333	33-4	9	6	33-4-09 Compressor	Compressor	1.195	162	421	Grams	69	Grams	101	51	151	Maximum	
X-333	33-4	9	6	33-4-09 Converter	Converter	1.195	162	867	Grams	194	Grams	207	104	311	Maximum	
X-333	33-4	9	7	33-4-09 Compressor	Compressor	1.195	162	440	Grams	70	Grams	105	53	158	Maximum	
X-333	33-4	9	7	33-4-09 Converter	Converter	1.195	162	1097	Grams	208	Grams	262	131	393	Maximum	
X-333	33-4	9	8	33-4-09 Compressor	Compressor	1.195	162	227	Grams	46	Grams	55	28	82	Maximum	
X-333	33-4	9	8	33-4-09 Converter	Converter	1.195	162	808	Grams	191	Grams	193	97	290	Maximum	
X-333	33-4	10	1	33-4-10 Compressor	Compressor	1.231	161	437	Grams	72	Grams	102	51	152	Measured	
A-44	X-333	33-4	10	1	33-4-10 Converter	Converter	1.231	161	1198	Grams	215	Grams	278	139	417	Measured
	X-333	33-4	10	1	33-4-10 Cooler	Cooler	1.231	161	514	Grams	69	Grams	120	60	179	Measured
	X-333	33-4	10	2	33-4-10 Compressor	Compressor	1.231	161	217	Grams	46	Grams	51	26	76	Measured
	X-333	33-4	10	2	33-4-10 Converter	Converter	1.231	161	1443	Grams	231	Grams	335	168	502	Measured
	X-333	33-4	10	3	33-4-10 Compressor	Compressor	1.231	161	518	Grams	75	Grams	120	60	180	Measured
	X-333	33-4	10	3	33-4-10 Converter	Converter	1.231	161	1371	Grams	226	Grams	318	159	477	Measured
	X-333	33-4	10	4	33-4-10 Compressor	Compressor	1.231	161	207	Grams	46	Grams	48	24	72	Measured
	X-333	33-4	10	4	33-4-10 Converter	Converter	1.231	161	1281	Grams	220	Grams	297	149	445	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method
X-333	33-4	10	5	33-4-10 Compressor Compressor	Compressor	1.231	161	319 Grams	70	Grams	74	37	111	Measured
X-333	33-4	10	5	33-4-10 Converter Converter	Converter	1.231	161	1728 Grams	252	Grams	401	201	601	Measured
X-333	33-4	10	6	33-4-10 Compressor Compressor	Compressor	1.231	161	554 Grams	78	Grams	129	65	193	Measured
X-333	33-4	10	6	33-4-10 Converter Converter	Converter	1.231	161	1708 Grams	251	Grams	396	198	594	Measured
X-333	33-4	10	7	33-4-10 Compressor Compressor	Compressor	1.231	161	346 Grams	55	Grams	81	41	121	Measured
X-333	33-4	10	7	33-4-10 Converter Converter	Converter	1.231	161	2093 Grams	281	Grams	485	243	727	Measured
X-333	33-4	10	8	33-4-10 Compressor Compressor	Compressor	1.231	161	710 Grams	91	Grams	165	83	247	Measured
X-333	33-4	10	8	33-4-10 Converter Converter	Converter	1.231	161	2436 Grams	310	Grams	565	283	847	Measured
A-45	33-5	1	1	33-5-01 Compressor Compressor	Compressor	1.288	155	1105 Grams	127	Grams	245	123	367	Maximum
	33-5	1	1	33-5-01 Converter Converter	Converter	1.288	155	4230 Grams	471	Grams	937	469	1405	Maximum
	33-5	1	1	33-5-01 Cooler Cooler	Cooler	1.288	155	1693 Grams	179	Grams	375	188	563	Maximum
	33-5	1	2	33-5-01 Compressor Compressor	Compressor	1.288	155	1509 Grams	164	Grams	334	167	501	Maximum
	33-5	1	2	33-5-01 Converter Converter	Converter	1.288	155	3021 Grams	360	Grams	669	335	1003	Maximum
	33-5	1	3	33-5-01 Compressor Compressor	Compressor	1.288	155	1307 Grams	145	Grams	290	145	434	Maximum
	33-5	1	3	33-5-01 Converter Converter	Converter	1.288	155	2894 Grams	349	Grams	641	321	961	Maximum
	33-5	1	4	33-5-01 Compressor Compressor	Compressor	1.288	155	1216 Grams	136	Grams	270	135	404	Maximum

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-5	1	4	33-5-01 Converter	Converter	1.288	155	3067	Grams	364	Grams	679	340	1019	Maximum
X-333	33-5	1	5	33-5-01 Compressor	Compressor	1.288	155	1310	Grams	145	Grams	290	145	435	Maximum
X-333	33-5	1	5	33-5-01 Converter	Converter	1.288	155	2421	Grams	308	Grams	536	268	804	Maximum
X-333	33-5	1	6	33-5-01 Compressor	Compressor	1.288	155	1039	Grams	120	Grams	230	115	345	Maximum
X-333	33-5	1	6	33-5-01 Converter	Converter	1.288	155	2404	Grams	307	Grams	533	267	799	Maximum
X-333	33-5	1	7	33-5-01 Compressor	Compressor	1.288	155	991	Grams	115	Grams	220	110	329	Maximum
X-333	33-5	1	7	33-5-01 Converter	Converter	1.288	155	2122	Grams	283	Grams	470	235	705	Maximum
X-333	33-5	1	8	33-5-01 Compressor	Compressor	1.288	155	942	Grams	111	Grams	209	105	313	Maximum
A-46	33-5	1	8	33-5-01 Converter	Converter	1.288	155	2363	Grams	303	Grams	523	262	785	Maximum
	33-5	2	1	33-5-02 Compressor	Compressor	1.922	137	443	Grams	73	Grams	66	33	99	Measured
	33-5	2	1	33-5-02 Converter	Converter	1.922	137	1413	Grams	244	Grams	210	105	315	Measured
	33-5	2	1	33-5-02 Cooler	Cooler	1.922	137	192	Grams	51	Grams	29	16	44	Measured
	33-5	2	2	33-5-02 Compressor	Compressor	1.922	137	1030	Grams	121	Grams	153	77	230	Measured
	33-5	2	2	33-5-02 Converter	Converter	1.922	137	1392	Grams	242	Grams	207	104	310	Measured
	33-5	2	3	33-5-02 Compressor	Compressor	1.922	137	470	Grams	75	Grams	70	35	105	Measured
	33-5	2	3	33-5-02 Converter	Converter	1.922	137	1461	Grams	247	Grams	217	109	326	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-5	2	4	33-5-02 Compressor	Compressor	1.922	137	565	Grams	99	Grams	84	42	126	Measured
X-333	33-5	2	4	33-5-02 Converter	Converter	1.922	137	1285	Grams	235	Grams	191	96	286	Measured
X-333	33-5	2	5	33-5-02 Compressor	Compressor	1.922	137	674	Grams	116	Grams	100	50	150	Measured
X-333	33-5	2	5	33-5-02 Converter	Converter	1.922	137	1397	Grams	243	Grams	208	104	311	Measured
X-333	33-5	2	6	33-5-02 Compressor	Compressor	1.922	137	40	Grams	297	Grams	6	89	95	Measured
X-333	33-5	2	6	33-5-02 Converter	Converter	1.922	137	1267	Grams	234	Grams	188	94	282	Measured
X-333	33-5	2	7	33-5-02 Compressor	Compressor	1.922	137	560	Grams	81	Grams	84	42	125	Measured
X-333	33-5	2	7	33-5-02 Converter	Converter	1.922	137	1112	Grams	225	Grams	165	83	248	Measured
A-47	33-5	2	8	33-5-02 Compressor	Compressor	1.922	137	443	Grams	73	Grams	66	33	99	Measured
	33-5	2	8	33-5-02 Converter	Converter	1.922	137	1086	Grams	223	Grams	162	81	242	Measured
X-333	33-5	3	1	33-5-03 Compressor	Compressor	1.169	163	716	Grams	100	Grams	175	88	262	Measured
X-333	33-5	3	1	33-5-03 Converter	Converter	1.169	163	1511	Grams	238	Grams	369	185	553	Measured
X-333	33-5	3	1	33-5-03 Cooler	Cooler	1.169	163	149	Grams	46	Grams	37	23	59	Measured
X-333	33-5	3	2	33-5-03 Compressor	Compressor	1.169	163	547	Grams	77	Grams	134	67	201	Measured
X-333	33-5	3	2	33-5-03 Converter	Converter	1.169	163	1322	Grams	225	Grams	323	162	484	Measured
X-333	33-5	3	3	33-5-03 Compressor	Compressor	1.169	163	288	Grams	226	Grams	71	111	181	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-5	3	3	33-5-03 Converter	Converter	1.169	163	1649	Grams	248	Grams	403	202	604	Measured
X-333	33-5	3	4	33-5-03 Compressor	Compressor	1.169	163	951	Grams	131	Grams	232	116	348	Measured
X-333	33-5	3	4	33-5-03 Converter	Converter	1.169	163	1773	Grams	257	Grams	433	217	649	Measured
X-333	33-5	3	5	33-5-03 Compressor	Compressor	1.169	163	1042	Grams	145	Grams	255	128	382	Measured
X-333	33-5	3	5	33-5-03 Converter	Converter	1.169	163	1953	Grams	271	Grams	477	239	715	Measured
X-333	33-5	3	6	33-5-03 Compressor	Compressor	1.169	163	728	Grams	92	Grams	178	89	267	Measured
X-333	33-5	3	6	33-5-03 Converter	Converter	1.169	163	2109	Grams	284	Grams	515	258	772	Measured
X-333	33-5	3	7	33-5-03 Compressor	Compressor	1.169	163	806	Grams	99	Grams	197	99	295	Measured
A-48	33-5	3	7	33-5-03 Converter	Converter	1.169	163	2380	Grams	306	Grams	581	291	871	Measured
	33-5	3	8	33-5-03 Compressor	Compressor	1.169	163	952	Grams	111	Grams	233	117	349	Measured
X-333	33-5	3	8	33-5-03 Converter	Converter	1.169	163	3245	Grams	382	Grams	792	396	1187	Measured
X-333	33-5	4	1	33-5-04 Compressor	Compressor	1.450	150	596	Grams	82	Grams	118	59	176	Measured
X-333	33-5	4	1	33-5-04 Converter	Converter	1.450	150	1192	Grams	220	Grams	235	118	352	Measured
X-333	33-5	4	1	33-5-04 Cooler	Cooler	1.450	150	310	Grams	56	Grams	61	31	92	Measured
X-333	33-5	4	2	33-5-04 Compressor	Compressor	1.450	150	484	Grams	74	Grams	96	48	143	Measured
X-333	33-5	4	2	33-5-04 Converter	Converter	1.450	150	1311	Grams	228	Grams	258	129	387	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-5	4	3	33-5-04 Compressor	Compressor	1.450	150	332	Grams	55	Grams	66	33	98	Measured
	33-5	4	3	33-5-04 Converter	Converter	1.450	150	1284	Grams	226	Grams	253	127	379	Measured
	33-5	4	4	33-5-04 Compressor	Compressor	1.450	150	638	Grams	101	Grams	126	63	189	Measured
	33-5	4	4	33-5-04 Converter	Converter	1.450	150	1349	Grams	231	Grams	266	133	398	Measured
	33-5	4	5	33-5-04 Compressor	Compressor	1.450	150	426	Grams	91	Grams	84	42	126	Measured
	33-5	4	5	33-5-04 Converter	Converter	1.450	150	1289	Grams	227	Grams	254	127	381	Measured
	33-5	4	6	33-5-04 Compressor	Compressor	1.450	150	567	Grams	80	Grams	112	56	168	Measured
	33-5	4	6	33-5-04 Converter	Converter	1.450	150	1282	Grams	226	Grams	253	127	379	Measured
	33-5	4	7	33-5-04 Compressor	Compressor	1.450	150	343	Grams	55	Grams	68	34	102	Measured
	33-5	4	7	33-5-04 Converter	Converter	1.450	150	1205	Grams	221	Grams	237	119	356	Measured
	33-5	4	8	33-5-04 Compressor	Compressor	1.450	150	643	Grams	86	Grams	127	64	190	Measured
	33-5	4	8	33-5-04 Converter	Converter	1.450	150	1479	Grams	240	Grams	291	146	437	Measured
	33-5	5	1	33-5-05 Compressor	Compressor	1.324	154	638	Grams	78	Grams	138	69	207	Maximum
	33-5	5	1	33-5-05 Converter	Converter	1.324	154	2000	Grams	275	Grams	431	216	646	Maximum
	33-5	5	1	33-5-05 Cooler	Cooler	1.324	154	622	Grams	75	Grams	134	67	201	Maximum
	33-5	5	2	33-5-05 Compressor	Compressor	1.324	154	1019	Grams	119	Grams	220	110	330	Maximum

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**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment Ratio		U-235	U-235_Unit	Count_Unc	Count_Unc	Count_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment Method
X-333	33-5	5	2	33-5-05 Converter	Converter	1.324	154	1941	Grams	270		Grams	418	209	627	Maximum
X-333	33-5	5	3	33-5-05 Compressor	Compressor	1.324	154	2034	Grams	366		Grams	438	219	657	Maximum
X-333	33-5	5	3	33-5-05 Converter	Converter	1.324	154	1595	Grams	244		Grams	344	172	516	Maximum
X-333	33-5	5	4	33-5-05 Compressor	Compressor	1.324	154	941	Grams	121		Grams	203	102	304	Maximum
X-333	33-5	5	4	33-5-05 Converter	Converter	1.324	154	1515	Grams	238		Grams	327	164	490	Maximum
X-333	33-5	5	5	33-5-05 Compressor	Compressor	1.324	154	1338	Grams	164		Grams	289	145	433	Maximum
X-333	33-5	5	5	33-5-05 Converter	Converter	1.324	154	1535	Grams	240		Grams	331	166	496	Maximum
X-333	33-5	5	6	33-5-05 Compressor	Compressor	1.324	154	764	Grams	96		Grams	165	83	247	Maximum
A-50	33-5	5	6	33-5-05 Converter	Converter	1.324	154	1295	Grams	223		Grams	279	140	419	Maximum
	33-5	5	7	33-5-05 Compressor	Compressor	1.324	154	890	Grams	106		Grams	192	96	288	Maximum
	33-5	5	7	33-5-05 Converter	Converter	1.324	154	1279	Grams	222		Grams	276	138	414	Maximum
	33-5	5	8	33-5-05 Compressor	Compressor	1.324	154	413	Grams	63		Grams	89	45	134	Maximum
	33-5	5	8	33-5-05 Converter	Converter	1.324	154	1362	Grams	228		Grams	294	147	440	Maximum
X-333	33-5	6	1	33-5-06 Compressor	Compressor	0.892	174	484	Grams	68		Grams	155	78	233	Measured
X-333	33-5	6	1	33-5-06 Converter	Converter	0.892	174	821	Grams	175		Grams	263	132	394	Measured
X-333	33-5	6	1	33-5-06 Cooler	Cooler	0.892	174	155	Grams	43		Grams	50	28	78	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method
X-333	33-5	6	2	33-5-06 Compressor Compressor	Compressor	0.892	174	604 Grams	76	Grams	194	97	290	Measured
X-333	33-5	6	2	33-5-06 Converter Converter	Converter	0.892	174	940 Grams	182	Grams	301	151	451	Measured
X-333	33-5	6	3	33-5-06 Compressor Compressor	Compressor	0.892	174	469 Grams	66	Grams	150	75	225	Measured
X-333	33-5	6	3	33-5-06 Converter Converter	Converter	0.892	174	802 Grams	174	Grams	257	129	385	Measured
X-333	33-5	6	4	33-5-06 Compressor Compressor	Compressor	0.892	174	729 Grams	97	Grams	233	117	350	Measured
X-333	33-5	6	4	33-5-06 Converter Converter	Converter	0.892	174	1270 Grams	204	Grams	406	203	609	Measured
X-333	33-5	6	5	33-5-06 Compressor Compressor	Compressor	0.892	174	547 Grams	82	Grams	175	88	263	Measured
X-333	33-5	6	5	33-5-06 Converter Converter	Converter	0.892	174	1019 Grams	187	Grams	326	163	489	Measured
A-51	33-5	6	6	33-5-06 Compressor Compressor	Compressor	0.892	174	0 Grams	240	Grams	0	154	154	Measured
	33-5	6	6	33-5-06 Converter Converter	Converter	0.892	174	1096 Grams	192	Grams	351	176	526	Measured
	33-5	6	7	33-5-06 Compressor Compressor	Compressor	0.892	174	449 Grams	65	Grams	144	72	216	Measured
	33-5	6	7	33-5-06 Converter Converter	Converter	0.892	174	960 Grams	183	Grams	307	154	461	Measured
	33-5	6	8	33-5-06 Compressor Compressor	Compressor	0.892	174	464 Grams	66	Grams	149	75	223	Measured
	33-5	6	8	33-5-06 Converter Converter	Converter	0.892	174	1079 Grams	190	Grams	345	173	518	Measured
	33-5	7	1	33-5-07 Compressor Compressor	Compressor	0.990	167	284 Grams	47	Grams	82	41	123	Measured
	33-5	7	1	33-5-07 Converter Converter	Converter	0.990	167	1127 Grams	199	Grams	325	163	487	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-5	7	1	33-5-07 Cooler	Cooler	0.990	167	72	Grams	32	Grams	21	19	40	Measured	
X-333	33-5	7	2	33-5-07 Compressor	Compressor	0.990	167	665	Grams	84	Grams	192	96	288	Measured	
X-333	33-5	7	2	33-5-07 Converter	Converter	0.990	167	1101	Grams	198	Grams	318	159	476	Measured	
X-333	33-5	7	3	33-5-07 Compressor	Compressor	0.990	167	156	Grams	255	Grams	45	147	192	Measured	
X-333	33-5	7	3	33-5-07 Converter	Converter	0.990	167	1107	Grams	198	Grams	319	160	479	Measured	
X-333	33-5	7	4	33-5-07 Compressor	Compressor	0.990	167	925	Grams	122	Grams	267	134	400	Measured	
X-333	33-5	7	4	33-5-07 Converter	Converter	0.990	167	1248	Grams	208	Grams	360	180	540	Measured	
X-333	33-5	7	5	33-5-07 Compressor	Compressor	0.990	167	874	Grams	120	Grams	252	126	378	Measured	
A-52	X-333	33-5	7	5	33-5-07 Converter	Converter	0.990	167	1365	Grams	216	Grams	394	197	590	Measured
	X-333	33-5	7	6	33-5-07 Compressor	Compressor	0.990	167	731	Grams	93	Grams	211	106	316	Measured
	X-333	33-5	7	6	33-5-07 Converter	Converter	0.990	167	800	Grams	180	Grams	231	116	346	Measured
	X-333	33-5	7	7	33-5-07 Compressor	Compressor	0.990	167	675	Grams	85	Grams	195	98	292	Measured
	X-333	33-5	7	7	33-5-07 Converter	Converter	0.990	167	674	Grams	173	Grams	195	100	294	Measured
	X-333	33-5	7	8	33-5-07 Compressor	Compressor	0.990	167	509	Grams	65	Grams	147	74	220	Measured
	X-333	33-5	7	8	33-5-07 Converter	Converter	0.990	167	2048	Grams	269	Grams	590	295	885	Measured
	X-333	33-5	8	1	33-5-08 Compressor	Compressor	1.396	151	477	Grams	73	Grams	98	49	147	Maximum

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-5	8	1	33-5-08 Converter	Converter	1.396	151	970	Grams	205	Grams	199	100	298	Maximum
X-333	33-5	8	1	33-5-08 Cooler	Cooler	1.396	151	135	Grams	47	Grams	28	20	47	Maximum
X-333	33-5	8	2	33-5-08 Compressor	Compressor	1.396	151	462	Grams	71	Grams	95	48	142	Maximum
X-333	33-5	8	2	33-5-08 Converter	Converter	1.396	151	991	Grams	206	Grams	203	102	304	Maximum
X-333	33-5	8	3	33-5-08 Compressor	Compressor	1.396	151	420	Grams	68	Grams	86	43	129	Maximum
X-333	33-5	8	3	33-5-08 Converter	Converter	1.396	151	1036	Grams	209	Grams	212	106	318	Maximum
X-333	33-5	8	4	33-5-08 Compressor	Compressor	1.396	151	762	Grams	117	Grams	156	78	234	Maximum
X-333	33-5	8	4	33-5-08 Converter	Converter	1.396	151	966	Grams	205	Grams	198	99	296	Maximum
A-53	33-5	8	5	33-5-08 Compressor	Compressor	1.396	151	766	Grams	136	Grams	157	79	235	Maximum
	33-5	8	5	33-5-08 Converter	Converter	1.396	151	1417	Grams	233	Grams	290	145	435	Maximum
	33-5	8	6	33-5-08 Compressor	Compressor	1.396	151	543	Grams	78	Grams	111	56	167	Maximum
	33-5	8	6	33-5-08 Converter	Converter	1.396	151	1279	Grams	224	Grams	262	131	392	Maximum
	33-5	8	7	33-5-08 Compressor	Compressor	1.396	151	483	Grams	74	Grams	99	50	148	Maximum
	33-5	8	7	33-5-08 Converter	Converter	1.396	151	1351	Grams	229	Grams	276	138	414	Maximum
	33-5	8	8	33-5-08 Compressor	Compressor	1.396	151	771	Grams	97	Grams	158	79	237	Maximum
	33-5	8	8	33-5-08 Converter	Converter	1.396	151	1340	Grams	228	Grams	274	137	411	Maximum

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-5	9	1	33-5-09 Compressor	Compressor	0.838	178	314	Grams	48	Grams	107	54	161	Measured
X-333	33-5	9	1	33-5-09 Converter	Converter	0.838	178	1372	Grams	208	Grams	467	234	701	Measured
X-333	33-5	9	1	33-5-09 Cooler	Cooler	0.838	178	307	Grams	45	Grams	105	53	157	Measured
X-333	33-5	9	2	33-5-09 Compressor	Compressor	0.838	178	674	Grams	83	Grams	230	115	344	Measured
X-333	33-5	9	2	33-5-09 Converter	Converter	0.838	178	918	Grams	177	Grams	313	157	469	Measured
X-333	33-5	9	3	33-5-09 Compressor	Compressor	0.838	178	609	Grams	77	Grams	208	104	311	Measured
X-333	33-5	9	3	33-5-09 Converter	Converter	0.838	178	1029	Grams	184	Grams	351	176	526	Measured
X-333	33-5	9	4	33-5-09 Compressor	Compressor	0.838	178	652	Grams	92	Grams	222	111	333	Measured
A-54	33-5	9	4	33-5-09 Converter	Converter	0.838	178	852	Grams	173	Grams	290	145	435	Measured
	33-5	9	5	33-5-09 Compressor	Compressor	0.838	178	718	Grams	101	Grams	245	123	367	Measured
	33-5	9	5	33-5-09 Converter	Converter	0.838	178	1165	Grams	193	Grams	397	199	595	Measured
	33-5	9	6	33-5-09 Compressor	Compressor	0.838	178	450	Grams	65	Grams	154	77	230	Measured
	33-5	9	6	33-5-09 Converter	Converter	0.838	178	848	Grams	173	Grams	289	145	433	Measured
	33-5	9	7	33-5-09 Compressor	Compressor	0.838	178	502	Grams	68	Grams	171	86	257	Measured
	33-5	9	7	33-5-09 Converter	Converter	0.838	178	764	Grams	168	Grams	260	130	390	Measured
	33-5	9	8	33-5-09 Compressor	Compressor	0.838	178	194	Grams	40	Grams	66	33	99	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-5	9	8	33-5-09 Converter	Converter	0.838	178	782	Grams	169	Grams	267	134	400	Measured
X-333	33-5	10	1	33-5-10 Compressor	Compressor	1.434	150	437	Grams	70	Grams	87	44	131	Measured
X-333	33-5	10	1	33-5-10 Converter	Converter	1.434	150	828	Grams	198	Grams	165	83	247	Measured
X-333	33-5	10	1	33-5-10 Cooler	Cooler	1.434	150	126	Grams	47	Grams	26	19	44	Measured
X-333	33-5	10	2	33-5-10 Compressor	Compressor	1.434	150	419	Grams	68	Grams	84	42	125	Measured
X-333	33-5	10	2	33-5-10 Converter	Converter	1.434	150	743	Grams	193	Grams	148	77	225	Measured
X-333	33-5	10	3	33-5-10 Compressor	Compressor	1.434	150	441	Grams	70	Grams	88	44	132	Measured
X-333	33-5	10	3	33-5-10 Converter	Converter	1.434	150	860	Grams	199	Grams	171	86	257	Measured
A-55	33-5	10	4	33-5-10 Compressor	Compressor	1.434	150	405	Grams	83	Grams	81	41	121	Measured
	33-5	10	4	33-5-10 Converter	Converter	1.434	150	844	Grams	199	Grams	168	84	252	Measured
	33-5	10	5	33-5-10 Compressor	Compressor	1.434	150	683	Grams	120	Grams	136	68	204	Measured
	33-5	10	5	33-5-10 Converter	Converter	1.434	150	663	Grams	190	Grams	132	76	208	Measured
	33-5	10	6	33-5-10 Compressor	Compressor	1.434	150	426	Grams	68	Grams	85	43	128	Measured
	33-5	10	6	33-5-10 Converter	Converter	1.434	150	1049	Grams	210	Grams	209	105	313	Measured
	33-5	10	7	33-5-10 Compressor	Compressor	1.434	150	501	Grams	73	Grams	100	50	150	Measured
	33-5	10	7	33-5-10 Converter	Converter	1.434	150	684	Grams	191	Grams	136	76	212	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-5	10	8	33-5-10 Compressor	Compressor	1.434	150	365	Grams	65	Grams	73	37	109	Measured	
X-333	33-5	10	8	33-5-10 Converter	Converter	1.434	150	605	Grams	187	Grams	121	75	195	Measured	
X-333	33-6	1	1	33-6-01 Compressor	Compressor	1.218	162	470	Grams	71	Grams	110	55	165	Measured	
X-333	33-6	1	1	33-6-01 Converter	Converter	1.218	162	1177	Grams	215	Grams	276	138	414	Measured	
X-333	33-6	1	1	33-6-01 Cooler	Cooler	1.218	162	218	Grams	51	Grams	52	26	77	Measured	
X-333	33-6	1	2	33-6-01 Compressor	Compressor	1.218	162	636	Grams	212	Grams	149	100	249	Measured	
X-333	33-6	1	2	33-6-01 Converter	Converter	1.218	162	1038	Grams	206	Grams	243	122	365	Measured	
X-333	33-6	1	3	33-6-01 Compressor	Compressor	1.218	162	437	Grams	69	Grams	103	52	154	Measured	
A-56	X-333	33-6	1	3	33-6-01 Converter	Converter	1.218	162	1175	Grams	215	Grams	275	138	413	Measured
	X-333	33-6	1	4	33-6-01 Compressor	Compressor	1.218	162	429	Grams	91	Grams	101	51	151	Measured
	X-333	33-6	1	4	33-6-01 Converter	Converter	1.218	162	1047	Grams	207	Grams	246	123	368	Measured
	X-333	33-6	1	5	33-6-01 Compressor	Compressor	1.218	162	433	Grams	90	Grams	102	51	153	Measured
	X-333	33-6	1	5	33-6-01 Converter	Converter	1.218	162	1116	Grams	211	Grams	262	131	392	Measured
	X-333	33-6	1	6	33-6-01 Compressor	Compressor	1.218	162	411	Grams	66	Grams	97	49	145	Measured
	X-333	33-6	1	6	33-6-01 Converter	Converter	1.218	162	1194	Grams	216	Grams	280	140	420	Measured
	X-333	33-6	1	7	33-6-01 Compressor	Compressor	1.218	162	492	Grams	73	Grams	116	58	173	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-6	1	7	33-6-01 Converter	Converter	1.218	162	1184	Grams	215	Grams	278	139	416	Measured
X-333	33-6	1	8	33-6-01 Compressor	Compressor	1.218	162	433	Grams	69	Grams	102	51	153	Measured
X-333	33-6	1	8	33-6-01 Converter	Converter	1.218	162	1094	Grams	210	Grams	257	129	385	Measured
X-333	33-6	2	1	33-6-02 Compressor	Compressor	1.671	144	276	Grams	62	Grams	48	24	71	Measured
X-333	33-6	2	1	33-6-02 Converter	Converter	1.671	144	1117	Grams	219	Grams	191	96	286	Measured
X-333	33-6	2	1	33-6-02 Cooler	Cooler	1.671	144	0	Grams	0	Grams	0	0	0	Measured
X-333	33-6	2	2	33-6-02 Compressor	Compressor	1.671	144	591	Grams	82	Grams	101	51	152	Measured
X-333	33-6	2	2	33-6-02 Converter	Converter	1.671	144	1180	Grams	223	Grams	202	101	302	Measured
A-57	33-6	2	3	33-6-02 Compressor	Compressor	1.671	144	613	Grams	85	Grams	105	53	157	Measured
	33-6	2	3	33-6-02 Converter	Converter	1.671	144	1387	Grams	237	Grams	237	119	355	Measured
	33-6	2	4	33-6-02 Compressor	Compressor	1.671	144	588	Grams	98	Grams	101	51	151	Measured
	33-6	2	4	33-6-02 Converter	Converter	1.671	144	1181	Grams	223	Grams	202	101	303	Measured
	33-6	2	5	33-6-02 Compressor	Compressor	1.671	144	848	Grams	126	Grams	145	73	217	Measured
	33-6	2	5	33-6-02 Converter	Converter	1.671	144	1393	Grams	237	Grams	238	119	357	Measured
X-333	33-6	2	6	33-6-02 Compressor	Compressor	1.671	144	0	Grams	299	Grams	0	103	103	Measured
X-333	33-6	2	6	33-6-02 Converter	Converter	1.671	144	1515	Grams	246	Grams	259	130	388	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-6	2	7	33-6-02 Compressor	Compressor	1.671	144	442	Grams	72	Grams	76	38	114	Measured
X-333	33-6	2	7	33-6-02 Converter	Converter	1.671	144	1193	Grams	224	Grams	204	102	306	Measured
X-333	33-6	2	8	33-6-02 Compressor	Compressor	1.671	144	480	Grams	75	Grams	82	41	123	Measured
X-333	33-6	2	8	33-6-02 Converter	Converter	1.671	144	902	Grams	207	Grams	154	77	231	Measured
X-333	33-6	3	1	33-6-03 Compressor	Compressor	1.504	148	392	Grams	68	Grams	75	38	112	Maximum
X-333	33-6	3	1	33-6-03 Converter	Converter	1.504	148	1018	Grams	212	Grams	193	97	290	Maximum
X-333	33-6	3	1	33-6-03 Cooler	Cooler	1.504	148	0	Grams	0	Grams	0	0	0	Maximum
X-333	33-6	3	2	33-6-03 Compressor	Compressor	1.504	148	500	Grams	74	Grams	95	48	143	Maximum
A-58	33-6	3	2	33-6-03 Converter	Converter	1.504	148	1124	Grams	219	Grams	214	107	320	Maximum
	33-6	3	3	33-6-03 Compressor	Compressor	1.504	148	12	Grams	280	Grams	3	107	109	Maximum
	33-6	3	3	33-6-03 Converter	Converter	1.504	148	1095	Grams	217	Grams	208	104	312	Maximum
	33-6	3	4	33-6-03 Compressor	Compressor	1.504	148	601	Grams	106	Grams	114	57	171	Maximum
	33-6	3	4	33-6-03 Converter	Converter	1.504	148	1007	Grams	212	Grams	191	96	287	Maximum
	33-6	3	5	33-6-03 Compressor	Compressor	1.504	148	509	Grams	104	Grams	97	49	145	Maximum
X-333	33-6	3	5	33-6-03 Converter	Converter	1.504	148	1107	Grams	217	Grams	210	105	315	Maximum
X-333	33-6	3	6	33-6-03 Compressor	Compressor	1.504	148	620	Grams	84	Grams	118	59	177	Maximum

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-6	3	6	33-6-03 Converter	Converter	1.504	148	1319	Grams	231	Grams	250	125	375	Maximum	
X-333	33-6	3	7	33-6-03 Compressor	Compressor	1.504	148	505	Grams	74	Grams	96	48	144	Maximum	
X-333	33-6	3	7	33-6-03 Converter	Converter	1.504	148	1105	Grams	217	Grams	210	105	315	Maximum	
X-333	33-6	3	8	33-6-03 Compressor	Compressor	1.504	148	575	Grams	107	Grams	109	55	164	Maximum	
X-333	33-6	3	8	33-6-03 Converter	Converter	1.504	148	1294	Grams	229	Grams	246	123	368	Maximum	
X-333	33-6	4	1	33-6-04 Compressor	Compressor	1.195	162	729	Grams	101	Grams	174	87	261	Measured	
X-333	33-6	4	1	33-6-04 Converter	Converter	1.195	162	1734	Grams	252	Grams	414	207	621	Measured	
X-333	33-6	4	1	33-6-04 Cooler	Cooler	1.195	162	334	Grams	57	Grams	80	40	120	Measured	
A-59	X-333	33-6	4	2	33-6-04 Compressor	Compressor	1.195	162	764	Grams	94	Grams	183	92	274	Measured
	X-333	33-6	4	2	33-6-04 Converter	Converter	1.195	162	2036	Grams	276	Grams	486	243	729	Measured
	X-333	33-6	4	3	33-6-04 Compressor	Compressor	1.195	162	638	Grams	84	Grams	153	77	229	Measured
	X-333	33-6	4	3	33-6-04 Converter	Converter	1.195	162	1798	Grams	257	Grams	429	215	644	Measured
	X-333	33-6	4	4	33-6-04 Compressor	Compressor	1.195	162	989	Grams	136	Grams	236	118	354	Measured
	X-333	33-6	4	4	33-6-04 Converter	Converter	1.195	162	1701	Grams	250	Grams	406	203	609	Measured
	X-333	33-6	4	5	33-6-04 Compressor	Compressor	1.195	162	991	Grams	146	Grams	237	119	355	Measured
	X-333	33-6	4	5	33-6-04 Converter	Converter	1.195	162	1759	Grams	254	Grams	420	210	630	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-6	4	6	33-6-04 Compressor	Compressor	1.195	162	690	Grams	87	Grams	165	83	247	Measured
X-333	33-6	4	6	33-6-04 Converter	Converter	1.195	162	1792	Grams	257	Grams	428	214	642	Measured
X-333	33-6	4	7	33-6-04 Compressor	Compressor	1.195	162	750	Grams	93	Grams	179	90	269	Measured
X-333	33-6	4	7	33-6-04 Converter	Converter	1.195	162	1591	Grams	241	Grams	380	190	570	Measured
X-333	33-6	4	8	33-6-04 Compressor	Compressor	1.195	162	943	Grams	121	Grams	225	113	338	Measured
X-333	33-6	4	8	33-6-04 Converter	Converter	1.195	162	2018	Grams	274	Grams	482	241	723	Measured
X-333	33-6	5	1	33-6-05 Compressor	Compressor	1.531	148	633	Grams	88	Grams	118	59	177	Maximum
X-333	33-6	5	1	33-6-05 Converter	Converter	1.531	148	855	Grams	203	Grams	160	80	239	Maximum
A-60	33-6	5	1	33-6-05 Cooler	Cooler	1.531	148	274	Grams	60	Grams	52	26	77	Maximum
	33-6	5	2	33-6-05 Compressor	Compressor	1.531	148	708	Grams	95	Grams	132	66	198	Maximum
	33-6	5	2	33-6-05 Converter	Converter	1.531	148	691	Grams	195	Grams	129	73	202	Maximum
	33-6	5	3	33-6-05 Compressor	Compressor	1.531	148	648	Grams	86	Grams	121	61	181	Maximum
	33-6	5	3	33-6-05 Converter	Converter	1.531	148	795	Grams	200	Grams	149	75	223	Maximum
	33-6	5	4	33-6-05 Compressor	Compressor	1.531	148	704	Grams	102	Grams	132	66	197	Maximum
	33-6	5	4	33-6-05 Converter	Converter	1.531	148	967	Grams	210	Grams	181	91	271	Maximum
	33-6	5	5	33-6-05 Compressor	Compressor	1.531	148	799	Grams	115	Grams	149	75	224	Maximum

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-6	5	5	33-6-05 Converter	Converter	1.531	148	1046	Grams	214	Grams	195	98	293	Maximum
	33-6	5	6	33-6-05 Compressor	Compressor	1.531	148	572	Grams	79	Grams	107	54	160	Maximum
	33-6	5	6	33-6-05 Converter	Converter	1.531	148	963	Grams	209	Grams	180	90	269	Maximum
	33-6	5	7	33-6-05 Compressor	Compressor	1.531	148	632	Grams	84	Grams	118	59	177	Maximum
	33-6	5	7	33-6-05 Converter	Converter	1.531	148	914	Grams	207	Grams	171	86	256	Maximum
	33-6	5	8	33-6-05 Compressor	Compressor	1.531	148	528	Grams	76	Grams	99	50	148	Maximum
	33-6	5	8	33-6-05 Converter	Converter	1.531	148	784	Grams	200	Grams	146	75	221	Maximum
	33-6	6	1	33-6-06 Compressor	Compressor	1.274	155	268	Grams	48	Grams	60	30	90	Measured
	33-6	6	1	33-6-06 Converter	Converter	1.274	155	1126	Grams	211	Grams	252	126	378	Measured
	33-6	6	1	33-6-06 Cooler	Cooler	1.274	155	256	Grams	44	Grams	58	29	86	Measured
	33-6	6	2	33-6-06 Compressor	Compressor	1.274	155	500	Grams	73	Grams	112	56	168	Measured
	33-6	6	2	33-6-06 Converter	Converter	1.274	155	1088	Grams	208	Grams	244	122	366	Measured
	33-6	6	3	33-6-06 Compressor	Compressor	1.274	155	605	Grams	82	Grams	136	68	204	Measured
	33-6	6	3	33-6-06 Converter	Converter	1.274	155	1011	Grams	204	Grams	227	114	340	Measured
	33-6	6	4	33-6-06 Compressor	Compressor	1.274	155	602	Grams	110	Grams	135	68	203	Measured
	33-6	6	4	33-6-06 Converter	Converter	1.274	155	1156	Grams	213	Grams	259	130	388	Measured

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**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method
X-333	33-6	6	5	33-6-06 Compressor Compressor	Compressor	1.274	155	718 Grams	103	Grams	161	81	241	Measured
X-333	33-6	6	5	33-6-06 Converter Converter	Converter	1.274	155	1179 Grams	214	Grams	264	132	396	Measured
X-333	33-6	6	6	33-6-06 Compressor Compressor	Compressor	1.274	155	0 Grams	279	Grams	0	125	125	Measured
X-333	33-6	6	6	33-6-06 Converter Converter	Converter	1.274	155	957 Grams	200	Grams	215	108	322	Measured
X-333	33-6	6	7	33-6-06 Compressor Compressor	Compressor	1.274	155	713 Grams	91	Grams	160	80	240	Measured
X-333	33-6	6	7	33-6-06 Converter Converter	Converter	1.274	155	1534 Grams	238	Grams	344	172	515	Measured
X-333	33-6	6	8	33-6-06 Compressor Compressor	Compressor	1.274	155	996 Grams	111	Grams	223	112	335	Measured
X-333	33-6	6	8	33-6-06 Converter Converter	Converter	1.274	155	1722 Grams	252	Grams	386	193	578	Measured
A-62	33-6	7	1	33-6-07 Compressor Compressor	Compressor	1.558	147	397 Grams	70	Grams	73	37	109	Maximum
	33-6	7	1	33-6-07 Converter Converter	Converter	1.558	147	1161 Grams	222	Grams	213	107	319	Maximum
	33-6	7	1	33-6-07 Cooler Cooler	Cooler	1.558	147	0 Grams	0	Grams	0	0	0	Maximum
	33-6	7	2	33-6-07 Compressor Compressor	Compressor	1.558	147	527 Grams	77	Grams	97	49	145	Maximum
	33-6	7	2	33-6-07 Converter Converter	Converter	1.558	147	1254 Grams	227	Grams	230	115	345	Maximum
	33-6	7	3	33-6-07 Compressor Compressor	Compressor	1.558	147	149 Grams	293	Grams	28	108	135	Maximum
	33-6	7	3	33-6-07 Converter Converter	Converter	1.558	147	1285 Grams	229	Grams	236	118	353	Maximum
	33-6	7	4	33-6-07 Compressor Compressor	Compressor	1.558	147	670 Grams	111	Grams	123	62	184	Maximum

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-6	7	4	33-6-07 Converter	Converter	1.558	147	1254	Grams	227	Grams	230	115	345	Maximum
X-333	33-6	7	5	33-6-07 Compressor	Compressor	1.558	147	585	Grams	114	Grams	108	54	161	Maximum
X-333	33-6	7	5	33-6-07 Converter	Converter	1.558	147	1251	Grams	227	Grams	229	115	344	Maximum
X-333	33-6	7	6	33-6-07 Compressor	Compressor	1.558	147	504	Grams	75	Grams	93	47	139	Maximum
X-333	33-6	7	6	33-6-07 Converter	Converter	1.558	147	1212	Grams	225	Grams	222	111	333	Maximum
X-333	33-6	7	7	33-6-07 Compressor	Compressor	1.558	147	551	Grams	79	Grams	101	51	152	Maximum
X-333	33-6	7	7	33-6-07 Converter	Converter	1.558	147	1123	Grams	219	Grams	206	103	309	Maximum
X-333	33-6	7	8	33-6-07 Compressor	Compressor	1.558	147	492	Grams	74	Grams	91	46	136	Maximum
A-63	33-6	7	8	33-6-07 Converter	Converter	1.558	147	1140	Grams	220	Grams	209	105	313	Maximum
	33-6	8	1	33-6-08 Compressor	Compressor	1.223	162	390	Grams	65	Grams	91	46	137	Measured
	33-6	8	1	33-6-08 Converter	Converter	1.223	162	1073	Grams	208	Grams	251	126	376	Measured
	33-6	8	1	33-6-08 Cooler	Cooler	1.223	162	97	Grams	42	Grams	23	20	43	Measured
	33-6	8	2	33-6-08 Compressor	Compressor	1.223	162	451	Grams	69	Grams	106	53	158	Measured
	33-6	8	2	33-6-08 Converter	Converter	1.223	162	1024	Grams	205	Grams	239	120	359	Measured
	33-6	8	3	33-6-08 Compressor	Compressor	1.223	162	462	Grams	70	Grams	108	54	162	Measured
	33-6	8	3	33-6-08 Converter	Converter	1.223	162	1168	Grams	214	Grams	273	137	409	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method
X-333	33-6	8	4	33-6-08 Compressor	Compressor	1.223	162	591 Grams	97	Grams	138	69	207	Measured
X-333	33-6	8	4	33-6-08 Converter	Converter	1.223	162	1430 Grams	232	Grams	334	167	500	Measured
X-333	33-6	8	5	33-6-08 Compressor	Compressor	1.223	162	599 Grams	109	Grams	140	70	210	Measured
X-333	33-6	8	5	33-6-08 Converter	Converter	1.223	162	1020 Grams	205	Grams	238	119	357	Measured
X-333	33-6	8	6	33-6-08 Compressor	Compressor	1.223	162	484 Grams	72	Grams	113	57	170	Measured
X-333	33-6	8	6	33-6-08 Converter	Converter	1.223	162	1100 Grams	210	Grams	257	129	385	Measured
X-333	33-6	8	7	33-6-08 Compressor	Compressor	1.223	162	402 Grams	66	Grams	94	47	141	Measured
X-333	33-6	8	7	33-6-08 Converter	Converter	1.223	162	1299 Grams	223	Grams	303	152	455	Measured
A-64	33-6	8	8	33-6-08 Compressor	Compressor	1.223	162	422 Grams	67	Grams	99	50	148	Measured
	33-6	8	8	33-6-08 Converter	Converter	1.223	162	1046 Grams	207	Grams	244	122	366	Measured
X-333	33-6	9	1	33-6-09 Compressor	Compressor	1.263	160	284 Grams	59	Grams	65	33	97	Measured
X-333	33-6	9	1	33-6-09 Converter	Converter	1.263	160	489 Grams	172	Grams	111	78	189	Measured
X-333	33-6	9	1	33-6-09 Cooler	Cooler	1.263	160	227 Grams	50	Grams	52	26	77	Measured
X-333	33-6	9	2	33-6-09 Compressor	Compressor	1.263	160	521 Grams	75	Grams	118	59	177	Measured
X-333	33-6	9	2	33-6-09 Converter	Converter	1.263	160	511 Grams	173	Grams	116	79	194	Measured
X-333	33-6	9	3	33-6-09 Compressor	Compressor	1.263	160	384 Grams	65	Grams	87	44	131	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-6	9	3	33-6-09 Converter	Converter	1.263	160	539	Grams	174	Grams	122	79	201	Measured	
X-333	33-6	9	4	33-6-09 Compressor	Compressor	1.263	160	380	Grams	75	Grams	86	43	129	Measured	
X-333	33-6	9	4	33-6-09 Converter	Converter	1.263	160	636	Grams	178	Grams	144	81	224	Measured	
X-333	33-6	9	5	33-6-09 Compressor	Compressor	1.263	160	545	Grams	99	Grams	124	62	185	Measured	
X-333	33-6	9	5	33-6-09 Converter	Converter	1.263	160	488	Grams	172	Grams	111	78	188	Measured	
X-333	33-6	9	6	33-6-09 Compressor	Compressor	1.263	160	492	Grams	72	Grams	112	56	167	Measured	
X-333	33-6	9	6	33-6-09 Converter	Converter	1.263	160	470	Grams	171	Grams	107	78	184	Measured	
X-333	33-6	9	7	33-6-09 Compressor	Compressor	1.263	160	411	Grams	67	Grams	93	47	140	Measured	
A-65	X-333	33-6	9	7	33-6-09 Converter	Converter	1.263	160	587	Grams	176	Grams	133	80	212	Measured
	X-333	33-6	9	8	33-6-09 Compressor	Compressor	1.263	160	1025	Grams	118	Grams	232	116	348	Measured
X-333	33-6	9	8	33-6-09 Converter	Converter	1.263	160	421	Grams	169	Grams	96	77	172	Measured	
X-333	33-6	10	1	33-6-10 Compressor	Compressor	1.520	148	786	Grams	103	Grams	148	74	222	Measured	
X-333	33-6	10	1	33-6-10 Converter	Converter	1.520	148	1128	Grams	219	Grams	212	106	318	Measured	
X-333	33-6	10	1	33-6-10 Cooler	Cooler	1.520	148	247	Grams	52	Grams	47	24	70	Measured	
X-333	33-6	10	2	33-6-10 Compressor	Compressor	1.520	148	401	Grams	68	Grams	76	38	113	Measured	
X-333	33-6	10	2	33-6-10 Converter	Converter	1.520	148	750	Grams	199	Grams	141	75	216	Measured	

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method
X-333	33-6	10	3	33-6-10 Compressor	Compressor	1.520	148	557 Grams	79	Grams	105	53	157	Measured
X-333	33-6	10	3	33-6-10 Converter	Converter	1.520	148	894 Grams	206	Grams	168	84	252	Measured
X-333	33-6	10	4	33-6-10 Compressor	Compressor	1.520	148	382 Grams	72	Grams	72	36	108	Measured
X-333	33-6	10	4	33-6-10 Converter	Converter	1.520	148	900 Grams	206	Grams	169	85	254	Measured
X-333	33-6	10	5	33-6-10 Compressor	Compressor	1.520	148	610 Grams	111	Grams	115	58	172	Measured
X-333	33-6	10	5	33-6-10 Converter	Converter	1.520	148	718 Grams	197	Grams	135	74	209	Measured
X-333	33-6	10	6	33-6-10 Compressor	Compressor	1.520	148	397 Grams	68	Grams	75	38	112	Measured
X-333	33-6	10	6	33-6-10 Converter	Converter	1.520	148	1157 Grams	221	Grams	217	109	326	Measured
A-66	33-6	10	7	33-6-10 Compressor	Compressor	1.520	148	560 Grams	79	Grams	106	53	158	Measured
	33-6	10	7	33-6-10 Converter	Converter	1.520	148	1019 Grams	213	Grams	192	96	287	Measured
X-333	33-6	10	8	33-6-10 Compressor	Compressor	1.520	148	592 Grams	98	Grams	112	56	167	Measured
X-333	33-6	10	8	33-6-10 Converter	Converter	1.520	148	723 Grams	198	Grams	136	75	210	Measured
X-333	33-7	1	1	33-7-01 Compressor	Compressor	1.766	141	512 Grams	78	Grams	83	42	124	Maximum
X-333	33-7	1	1	33-7-01 Converter	Converter	1.766	141	1078 Grams	219	Grams	175	88	262	Maximum
X-333	33-7	1	1	33-7-01 Cooler	Cooler	1.766	141	165 Grams	50	Grams	27	17	43	Maximum
X-333	33-7	1	2	33-7-01 Compressor	Compressor	1.766	141	93 Grams	59	Grams	16	20	35	Maximum

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method
X-333	33-7	1	2	33-7-01 Converter	Converter	1.766	141	968 Grams	213	Grams	157	79	235	Maximum
X-333	33-7	1	3	33-7-01 Compressor	Compressor	1.766	141	425 Grams	71	Grams	69	35	103	Maximum
X-333	33-7	1	3	33-7-01 Converter	Converter	1.766	141	939 Grams	211	Grams	152	76	228	Maximum
X-333	33-7	1	4	33-7-01 Compressor	Compressor	1.766	141	228 Grams	96	Grams	37	31	68	Maximum
X-333	33-7	1	4	33-7-01 Converter	Converter	1.766	141	873 Grams	207	Grams	141	71	212	Maximum
X-333	33-7	1	5	33-7-01 Compressor	Compressor	1.766	141	457 Grams	110	Grams	74	37	111	Maximum
X-333	33-7	1	5	33-7-01 Converter	Converter	1.766	141	1182 Grams	225	Grams	191	96	287	Maximum
X-333	33-7	1	6	33-7-01 Compressor	Compressor	1.766	141	382 Grams	68	Grams	62	31	93	Maximum
A-67	33-7	1	6	33-7-01 Converter	Converter	1.766	141	774 Grams	202	Grams	125	66	191	Maximum
	33-7	1	7	33-7-01 Compressor	Compressor	1.766	141	310 Grams	63	Grams	51	26	76	Maximum
	33-7	1	7	33-7-01 Converter	Converter	1.766	141	876 Grams	208	Grams	142	71	213	Maximum
	33-7	1	8	33-7-01 Compressor	Compressor	1.766	141	513 Grams	99	Grams	83	42	125	Maximum
	33-7	1	8	33-7-01 Converter	Converter	1.766	141	943 Grams	211	Grams	153	77	229	Maximum
	33-7	2	1	33-7-02 Compressor	Compressor	1.761	141	557 Grams	81	Grams	91	46	136	Measured
	33-7	2	1	33-7-02 Converter	Converter	1.761	141	875 Grams	208	Grams	142	71	213	Measured
X-333	33-7	2	1	33-7-02 Cooler	Cooler	1.761	141	104 Grams	39	Grams	17	13	30	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method
X-333	33-7	2	2	33-7-02 Compressor	Compressor	1.761	141	297 Grams	54	Grams	49	25	73	Measured
X-333	33-7	2	2	33-7-02 Converter	Converter	1.761	141	1285 Grams	232	Grams	209	105	313	Measured
X-333	33-7	2	3	33-7-02 Compressor	Compressor	1.761	141	619 Grams	85	Grams	101	51	151	Measured
X-333	33-7	2	3	33-7-02 Converter	Converter	1.761	141	1130 Grams	223	Grams	183	92	275	Measured
X-333	33-7	2	4	33-7-02 Compressor	Compressor	1.761	141	211 Grams	65	Grams	35	22	56	Measured
X-333	33-7	2	4	33-7-02 Converter	Converter	1.761	141	1434 Grams	242	Grams	233	117	349	Measured
X-333	33-7	2	5	33-7-02 Compressor	Compressor	1.761	141	1046 Grams	151	Grams	170	85	254	Measured
X-333	33-7	2	5	33-7-02 Converter	Converter	1.761	141	872 Grams	208	Grams	142	71	212	Measured
A-68	33-7	2	6	33-7-02 Compressor	Compressor	1.761	141	457 Grams	302	Grams	74	98	172	Measured
	33-7	2	6	33-7-02 Converter	Converter	1.761	141	1290 Grams	233	Grams	209	105	314	Measured
X-333	33-7	2	7	33-7-02 Compressor	Compressor	1.761	141	669 Grams	89	Grams	109	55	163	Measured
X-333	33-7	2	7	33-7-02 Converter	Converter	1.761	141	1008 Grams	216	Grams	164	82	245	Measured
X-333	33-7	2	8	33-7-02 Compressor	Compressor	1.761	141	766 Grams	102	Grams	124	62	186	Measured
X-333	33-7	2	8	33-7-02 Converter	Converter	1.761	141	955 Grams	213	Grams	155	78	232	Measured
X-333	33-7	3	1	33-7-03 Compressor	Compressor	1.812	140	534 Grams	90	Grams	85	43	127	Maximum
X-333	33-7	3	1	33-7-03 Converter	Converter	1.812	140	1164 Grams	228	Grams	184	92	275	Maximum

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-7	3	1	33-7-03 Cooler Cooler	Cooler	1.812	140	217	Grams	52	Grams	35	18	52	Maximum	
X-333	33-7	3	2	33-7-03 Compressor Compressor	Compressor	1.812	140	557	Grams	80	Grams	88	44	132	Maximum	
X-333	33-7	3	2	33-7-03 Converter Converter	Converter	1.812	140	1316	Grams	237	Grams	208	104	311	Maximum	
X-333	33-7	3	3	33-7-03 Compressor Compressor	Compressor	1.812	140	0	Grams	298	Grams	0	94	94	Maximum	
X-333	33-7	3	3	33-7-03 Converter Converter	Converter	1.812	140	1180	Grams	229	Grams	186	93	279	Maximum	
X-333	33-7	3	4	33-7-03 Compressor Compressor	Compressor	1.812	140	655	Grams	111	Grams	104	52	155	Maximum	
X-333	33-7	3	4	33-7-03 Converter Converter	Converter	1.812	140	1220	Grams	231	Grams	192	96	288	Maximum	
X-333	33-7	3	5	33-7-03 Compressor Compressor	Compressor	1.812	140	424	Grams	94	Grams	67	34	101	Maximum	
A-6	X-333	33-7	3	5	33-7-03 Converter Converter	Converter	1.812	140	1360	Grams	239	Grams	214	107	321	Maximum
	X-333	33-7	3	6	33-7-03 Compressor Compressor	Compressor	1.812	140	511	Grams	77	Grams	81	41	121	Maximum
X-333	33-7	3	6	33-7-03 Converter Converter	Converter	1.812	140	1273	Grams	234	Grams	201	101	301	Maximum	
X-333	33-7	3	7	33-7-03 Compressor Compressor	Compressor	1.812	140	533	Grams	78	Grams	84	42	126	Maximum	
X-333	33-7	3	7	33-7-03 Converter Converter	Converter	1.812	140	1191	Grams	230	Grams	188	94	282	Maximum	
X-333	33-7	3	8	33-7-03 Compressor Compressor	Compressor	1.812	140	549	Grams	80	Grams	87	44	130	Maximum	
X-333	33-7	3	8	33-7-03 Converter Converter	Converter	1.812	140	1875	Grams	276	Grams	295	148	443	Maximum	
X-333	33-7	4	1	33-7-04 Compressor Compressor	Compressor	1.644	144	542	Grams	79	Grams	94	47	141	Measured	

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment Ratio		U-235	U-235_Unit	Count_Unc	Count_Unc	Count_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment Method	
X-333	33-7	4	1	33-7-04 Converter	Converter	1.644	144	1562	Grams	253		Grams	271	136	407	Measured	
X-333	33-7	4	1	33-7-04 Cooler	Cooler	1.644	144	241	Grams	52		Grams	42	21	63	Measured	
X-333	33-7	4	2	33-7-04 Compressor	Compressor	1.644	144	674	Grams	90		Grams	117	59	176	Measured	
X-333	33-7	4	2	33-7-04 Converter	Converter	1.644	144	1215	Grams	230		Grams	211	106	317	Measured	
X-333	33-7	4	3	33-7-04 Compressor	Compressor	1.644	144	496	Grams	76		Grams	87	44	130	Measured	
X-333	33-7	4	3	33-7-04 Converter	Converter	1.644	144	1341	Grams	239		Grams	233	117	349	Measured	
X-333	33-7	4	4	33-7-04 Compressor	Compressor	1.644	144	607	Grams	104		Grams	106	53	158	Measured	
X-333	33-7	4	4	33-7-04 Converter	Converter	1.644	144	1361	Grams	240		Grams	236	118	354	Measured	
A-70	X-333	33-7	4	5	33-7-04 Compressor	Compressor	1.644	144	928	Grams	153		Grams	161	81	242	Measured
	X-333	33-7	4	5	33-7-04 Converter	Converter	1.644	144	1468	Grams	247		Grams	255	128	382	Measured
	X-333	33-7	4	6	33-7-04 Compressor	Compressor	1.644	144	588	Grams	83		Grams	102	51	153	Measured
	X-333	33-7	4	6	33-7-04 Converter	Converter	1.644	144	1632	Grams	258		Grams	283	142	425	Measured
	X-333	33-7	4	7	33-7-04 Compressor	Compressor	1.644	144	556	Grams	80		Grams	97	49	145	Measured
	X-333	33-7	4	7	33-7-04 Converter	Converter	1.644	144	1683	Grams	262		Grams	292	146	438	Measured
	X-333	33-7	4	8	33-7-04 Compressor	Compressor	1.644	144	462	Grams	73		Grams	81	41	121	Measured
	X-333	33-7	4	8	33-7-04 Converter	Converter	1.644	144	1349	Grams	239		Grams	234	117	351	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method
X-333	33-7	5	1	33-7-05 Compressor	Compressor	1.378	152	485 Grams	72	Grams	101	51	151	Measured
X-333	33-7	5	1	33-7-05 Converter	Converter	1.378	152	1218 Grams	222	Grams	252	126	378	Measured
X-333	33-7	5	1	33-7-05 Cooler	Cooler	1.378	152	206 Grams	51	Grams	43	22	64	Measured
X-333	33-7	5	2	33-7-05 Compressor	Compressor	1.378	152	453 Grams	71	Grams	94	47	141	Measured
X-333	33-7	5	2	33-7-05 Converter	Converter	1.378	152	1014 Grams	210	Grams	210	105	315	Measured
X-333	33-7	5	3	33-7-05 Compressor	Compressor	1.378	152	497 Grams	73	Grams	103	52	155	Measured
X-333	33-7	5	3	33-7-05 Converter	Converter	1.378	152	1225 Grams	223	Grams	254	127	381	Measured
X-333	33-7	5	4	33-7-05 Compressor	Compressor	1.378	152	480 Grams	94	Grams	100	50	149	Measured
A-71	33-7	5	4	33-7-05 Converter	Converter	1.378	152	1220 Grams	223	Grams	253	127	379	Measured
	33-7	5	5	33-7-05 Compressor	Compressor	1.378	152	680 Grams	105	Grams	141	71	211	Measured
X-333	33-7	5	5	33-7-05 Converter	Converter	1.378	152	1044 Grams	212	Grams	216	108	324	Measured
X-333	33-7	5	6	33-7-05 Compressor	Compressor	1.378	152	394 Grams	66	Grams	82	41	123	Measured
X-333	33-7	5	6	33-7-05 Converter	Converter	1.378	152	1548 Grams	245	Grams	321	161	481	Measured
X-333	33-7	5	7	33-7-05 Compressor	Compressor	1.378	152	501 Grams	74	Grams	104	52	156	Measured
X-333	33-7	5	7	33-7-05 Converter	Converter	1.378	152	1503 Grams	241	Grams	311	156	467	Measured
X-333	33-7	5	8	33-7-05 Compressor	Compressor	1.378	152	502 Grams	81	Grams	104	52	156	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-7	5	8	33-7-05 Converter	Converter	1.378	152	1225	Grams	223	Grams	254	127	381	Measured
X-333	33-7	6	1	33-7-06 Compressor	Compressor	1.468	133	501	Grams	73	Grams	98	49	146	Cascade Coordinator
X-333	33-7	6	1	33-7-06 Converter	Converter	1.468	133	1594	Grams	242	Grams	310	155	465	Cascade Coordinator
X-333	33-7	6	1	33-7-06 Cooler	Cooler	1.468	133	232	Grams	48	Grams	46	23	68	Cascade Coordinator
X-333	33-7	6	2	33-7-06 Compressor	Compressor	1.468	133	616	Grams	82	Grams	120	60	180	Cascade Coordinator
X-333	33-7	6	2	33-7-06 Converter	Converter	1.468	133	1318	Grams	222	Grams	256	128	384	Cascade Coordinator
X-333	33-7	6	3	33-7-06 Compressor	Compressor	1.468	133	490	Grams	71	Grams	96	48	143	Cascade Coordinator
X-333	33-7	6	3	33-7-06 Converter	Converter	1.468	133	1487	Grams	234	Grams	289	145	434	Cascade Coordinator
A-72	33-7	6	4	33-7-06 Compressor	Compressor	1.468	133	643	Grams	99	Grams	125	63	188	Cascade Coordinator
	33-7	6	4	33-7-06 Converter	Converter	1.468	133	1516	Grams	236	Grams	295	148	442	Cascade Coordinator
	33-7	6	5	33-7-06 Compressor	Compressor	1.468	133	663	Grams	117	Grams	129	65	194	Cascade Coordinator
	33-7	6	5	33-7-06 Converter	Converter	1.468	133	1314	Grams	222	Grams	256	128	383	Cascade Coordinator
	33-7	6	6	33-7-06 Compressor	Compressor	1.468	133	214	Grams	269	Grams	42	105	147	Cascade Coordinator
	33-7	6	6	33-7-06 Converter	Converter	1.468	133	1593	Grams	241	Grams	310	155	464	Cascade Coordinator
	33-7	6	7	33-7-06 Compressor	Compressor	1.468	133	530	Grams	76	Grams	103	52	155	Cascade Coordinator
	33-7	6	7	33-7-06 Converter	Converter	1.468	133	1198	Grams	214	Grams	233	117	349	Cascade Coordinator

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-7	6	8	33-7-06 Compressor	Compressor	1.468	133	504	Grams	72	Grams	98	49	147	Cascade Coordinator
X-333	33-7	6	8	33-7-06 Converter	Converter	1.468	133	1223	Grams	216	Grams	238	119	357	Cascade Coordinator
X-333	33-7	7	1	33-7-07 Compressor	Compressor	1.904	138	543	Grams	89	Grams	82	41	122	Maximum
X-333	33-7	7	1	33-7-07 Converter	Converter	1.904	138	1540	Grams	252	Grams	231	116	346	Maximum
X-333	33-7	7	1	33-7-07 Cooler	Cooler	1.904	138	453	Grams	68	Grams	68	34	102	Maximum
X-333	33-7	7	2	33-7-07 Compressor	Compressor	1.904	138	499	Grams	77	Grams	75	38	113	Maximum
X-333	33-7	7	2	33-7-07 Converter	Converter	1.904	138	1369	Grams	241	Grams	205	103	308	Maximum
X-333	33-7	7	3	33-7-07 Compressor	Compressor	1.904	138	0	Grams	292	Grams	0	88	88	Maximum
A-73	33-7	7	3	33-7-07 Converter	Converter	1.904	138	1408	Grams	243	Grams	211	106	317	Maximum
	33-7	7	4	33-7-07 Compressor	Compressor	1.904	138	559	Grams	110	Grams	84	42	126	Maximum
	33-7	7	4	33-7-07 Converter	Converter	1.904	138	1692	Grams	263	Grams	254	127	380	Maximum
	33-7	7	5	33-7-07 Compressor	Compressor	1.904	138	724	Grams	116	Grams	109	55	163	Maximum
	33-7	7	5	33-7-07 Converter	Converter	1.904	138	1390	Grams	242	Grams	209	105	313	Maximum
	33-7	7	6	33-7-07 Compressor	Compressor	1.904	138	572	Grams	83	Grams	86	43	129	Maximum
	33-7	7	6	33-7-07 Converter	Converter	1.904	138	1494	Grams	249	Grams	224	112	336	Maximum
	33-7	7	7	33-7-07 Compressor	Compressor	1.904	138	599	Grams	85	Grams	90	45	135	Maximum

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-7	7	7	33-7-07 Converter	Converter	1.904	138	1455	Grams	246	Grams	218	109	327	Maximum	
X-333	33-7	7	8	33-7-07 Compressor	Compressor	1.904	138	482	Grams	76	Grams	73	37	109	Maximum	
X-333	33-7	7	8	33-7-07 Converter	Converter	1.904	138	1241	Grams	232	Grams	186	93	279	Maximum	
X-333	33-7	8	1	33-7-08 Compressor	Compressor	1.582	146	783	Grams	98	Grams	142	71	212	Measured	
X-333	33-7	8	1	33-7-08 Converter	Converter	1.582	146	1571	Grams	397	Grams	284	144	427	Measured	
X-333	33-7	8	1	33-7-08 Cooler	Cooler	1.582	146	449	Grams	64	Grams	81	41	122	Measured	
X-333	33-7	8	2	33-7-08 Compressor	Compressor	1.582	146	848	Grams	104	Grams	153	77	230	Measured	
X-333	33-7	8	2	33-7-08 Converter	Converter	1.582	146	1340	Grams	389	Grams	242	141	382	Measured	
A-74	X-333	33-7	8	3	33-7-08 Compressor	Compressor	1.582	146	860	Grams	105	Grams	155	78	233	Measured
	X-333	33-7	8	3	33-7-08 Converter	Converter	1.582	146	784	Grams	373	Grams	142	135	276	Measured
	X-333	33-7	8	4	33-7-08 Compressor	Compressor	1.582	146	1686	Grams	221	Grams	304	152	456	Measured
	X-333	33-7	8	4	33-7-08 Converter	Converter	1.582	146	2593	Grams	449	Grams	468	234	701	Measured
X-333	33-7	8	5	33-7-08 Compressor	Compressor	1.582	146	1482	Grams	199	Grams	268	134	401	Measured	
X-333	33-7	8	5	33-7-08 Converter	Converter	1.582	146	938	Grams	380	Grams	170	137	306	Measured	
X-333	33-7	8	6	33-7-08 Compressor	Compressor	1.582	146	1929	Grams	222	Grams	348	174	522	Measured	
X-333	33-7	8	6	33-7-08 Converter	Converter	1.270	155	2837	Grams	431	Grams	623	312	934	Measured	

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-7	8	7	33-7-08 Compressor	Compressor	1.582	146	933	Grams	111	Grams	169	85	253	Measured
X-333	33-7	8	7	33-7-08 Converter	Converter	1.582	146	747	Grams	375	Grams	135	136	270	Measured
X-333	33-7	8	8	33-7-08 Compressor	Compressor	1.582	146	1940	Grams	236	Grams	350	175	525	Measured
X-333	33-7	8	8	33-7-08 Converter	Converter	1.582	146	1998	Grams	417	Grams	361	181	541	Measured
X-333	33-7	9	1	33-7-09 Compressor	Compressor	1.516	148	590	Grams	82	Grams	111	56	167	Measured
X-333	33-7	9	1	33-7-09 Converter	Converter	1.516	148	722	Grams	194	Grams	136	73	209	Measured
X-333	33-7	9	1	33-7-09 Cooler	Cooler	1.516	148	233	Grams	51	Grams	44	22	66	Measured
X-333	33-7	9	2	33-7-09 Compressor	Compressor	1.516	148	668	Grams	88	Grams	126	63	189	Measured
A-75	33-7	9	2	33-7-09 Converter	Converter	1.516	148	571	Grams	188	Grams	108	71	179	Measured
	33-7	9	3	33-7-09 Compressor	Compressor	1.516	148	525	Grams	77	Grams	99	50	149	Measured
	33-7	9	3	33-7-09 Converter	Converter	1.516	148	628	Grams	190	Grams	119	72	190	Measured
	33-7	9	4	33-7-09 Compressor	Compressor	1.516	148	725	Grams	108	Grams	137	69	205	Measured
	33-7	9	4	33-7-09 Converter	Converter	1.516	148	382	Grams	181	Grams	72	69	140	Measured
	33-7	9	5	33-7-09 Compressor	Compressor	1.516	148	700	Grams	113	Grams	132	66	198	Measured
	33-7	9	5	33-7-09 Converter	Converter	1.516	148	590	Grams	189	Grams	111	72	183	Measured
X-333	33-7	9	6	33-7-09 Compressor	Compressor	1.516	148	548	Grams	78	Grams	104	52	155	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-7	9	6	33-7-09 Converter	Converter	1.516	148	559	Grams	187	Grams	106	71	176	Measured
X-333	33-7	9	7	33-7-09 Compressor	Compressor	1.516	148	503	Grams	75	Grams	95	48	142	Measured
X-333	33-7	9	7	33-7-09 Converter	Converter	1.516	148	480	Grams	184	Grams	91	70	160	Measured
X-333	33-7	9	8	33-7-09 Compressor	Compressor	1.516	148	439	Grams	71	Grams	83	42	124	Measured
X-333	33-7	9	8	33-7-09 Converter	Converter	1.516	148	331	Grams	179	Grams	63	68	130	Measured
X-333	33-7	10	1	33-7-10 Compressor	Compressor	1.996	134	637	Grams	95	Grams	91	46	137	Maximum
X-333	33-7	10	1	33-7-10 Converter	Converter	1.996	134	934	Grams	211	Grams	134	67	201	Maximum
X-333	33-7	10	1	33-7-10 Cooler	Cooler	1.996	134	184	Grams	50	Grams	27	15	41	Maximum
A-76	33-7	10	2	33-7-10 Compressor	Compressor	1.996	134	496	Grams	76	Grams	71	36	107	Maximum
	33-7	10	2	33-7-10 Converter	Converter	1.996	134	1008	Grams	215	Grams	144	72	216	Maximum
	33-7	10	3	33-7-10 Compressor	Compressor	1.996	134	570	Grams	81	Grams	82	41	123	Maximum
	33-7	10	3	33-7-10 Converter	Converter	1.996	134	689	Grams	198	Grams	99	57	155	Maximum
	33-7	10	4	33-7-10 Compressor	Compressor	1.996	134	477	Grams	101	Grams	69	35	103	Maximum
	33-7	10	4	33-7-10 Converter	Converter	1.996	134	950	Grams	212	Grams	136	68	204	Maximum
	33-7	10	5	33-7-10 Compressor	Compressor	1.996	134	740	Grams	126	Grams	106	53	159	Maximum
	33-7	10	5	33-7-10 Converter	Converter	1.996	134	864	Grams	207	Grams	124	62	186	Maximum

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method
X-333	33-7	10	6	33-7-10 Compressor	Compressor	1.996	134	439 Grams	73	Grams	63	32	95	Maximum
X-333	33-7	10	6	33-7-10 Converter	Converter	1.996	134	734 Grams	200	Grams	105	58	162	Maximum
X-333	33-7	10	7	33-7-10 Compressor	Compressor	1.996	134	442 Grams	73	Grams	64	32	95	Maximum
X-333	33-7	10	7	33-7-10 Converter	Converter	1.996	134	871 Grams	207	Grams	125	63	187	Maximum
X-333	33-7	10	8	33-7-10 Compressor	Compressor	1.996	134	468 Grams	75	Grams	67	34	101	Maximum
X-333	33-7	10	8	33-7-10 Converter	Converter	1.996	134	614 Grams	195	Grams	88	56	144	Maximum
X-333	33-8	1	1	33-8-01 Compressor	Compressor	1.397	151	488 Grams	74	Grams	100	50	150	Measured
X-333	33-8	1	1	33-8-01 Converter	Converter	1.397	151	1036 Grams	208	Grams	212	106	318	Measured
X-333	33-8	1	1	33-8-01 Cooler	Cooler	1.397	151	160 Grams	48	Grams	33	20	53	Measured
X-333	33-8	1	2	33-8-01 Compressor	Compressor	1.397	151	413 Grams	68	Grams	85	43	127	Measured
X-333	33-8	1	2	33-8-01 Converter	Converter	1.397	151	1208 Grams	217	Grams	247	124	370	Measured
X-333	33-8	1	3	33-8-01 Compressor	Compressor	1.397	151	520 Grams	76	Grams	107	54	160	Measured
X-333	33-8	1	3	33-8-01 Converter	Converter	1.397	151	1020 Grams	205	Grams	209	105	313	Measured
X-333	33-8	1	4	33-8-01 Compressor	Compressor	1.397	151	661 Grams	101	Grams	135	68	203	Measured
X-333	33-8	1	4	33-8-01 Converter	Converter	1.397	151	1110 Grams	212	Grams	227	114	340	Measured
X-333	33-8	1	5	33-8-01 Compressor	Compressor	1.397	151	664 Grams	106	Grams	136	68	204	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-8	1	5	33-8-01 Converter	Converter	1.397	151	1336	Grams	227	Grams	273	137	409	Measured
X-333	33-8	1	6	33-8-01 Compressor	Compressor	1.397	151	595	Grams	82	Grams	122	61	183	Measured
X-333	33-8	1	6	33-8-01 Converter	Converter	1.397	151	1035	Grams	207	Grams	212	106	317	Measured
X-333	33-8	1	7	33-8-01 Compressor	Compressor	1.397	151	562	Grams	80	Grams	115	58	173	Measured
X-333	33-8	1	7	33-8-01 Converter	Converter	1.397	151	865	Grams	198	Grams	177	89	265	Measured
X-333	33-8	1	8	33-8-01 Compressor	Compressor	1.397	151	449	Grams	71	Grams	92	46	138	Measured
X-333	33-8	1	8	33-8-01 Converter	Converter	1.397	151	1112	Grams	212	Grams	227	114	341	Measured
X-333	33-8	2	1	33-8-02 Compressor	Compressor	1.649	144	506	Grams	76	Grams	88	44	132	Measured
A-78	33-8	2	1	33-8-02 Converter	Converter	1.649	144	1152	Grams	219	Grams	200	100	299	Measured
	33-8	2	1	33-8-02 Cooler	Cooler	1.649	144	921	Grams	190	Grams	160	80	239	Measured
	33-8	2	2	33-8-02 Compressor	Compressor	1.649	144	537	Grams	83	Grams	93	47	140	Measured
	33-8	2	2	33-8-02 Converter	Converter	1.649	144	1086	Grams	215	Grams	188	94	282	Measured
	33-8	2	3	33-8-02 Compressor	Compressor	1.649	144	549	Grams	79	Grams	95	48	143	Measured
	33-8	2	3	33-8-02 Converter	Converter	1.649	144	943	Grams	207	Grams	164	82	245	Measured
	33-8	2	4	33-8-02 Compressor	Compressor	1.649	144	660	Grams	116	Grams	115	58	172	Measured
	33-8	2	4	33-8-02 Converter	Converter	1.649	144	1274	Grams	227	Grams	221	111	331	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method
X-333	33-8	2	5	33-8-02 Compressor Compressor	Compressor	1.649	144	801 Grams	124	Grams	139	70	208	Measured
X-333	33-8	2	5	33-8-02 Converter Converter	Converter	1.649	144	1032 Grams	212	Grams	179	90	268	Measured
X-333	33-8	2	6	33-8-02 Compressor Compressor	Compressor	1.649	144	0 Grams	293	Grams	0	102	102	Measured
X-333	33-8	2	6	33-8-02 Converter Converter	Converter	1.649	144	1293 Grams	228	Grams	224	112	336	Measured
X-333	33-8	2	7	33-8-02 Compressor Compressor	Compressor	1.649	144	625 Grams	85	Grams	109	55	163	Measured
X-333	33-8	2	7	33-8-02 Converter Converter	Converter	1.649	144	1091 Grams	216	Grams	189	95	283	Measured
X-333	33-8	2	8	33-8-02 Compressor Compressor	Compressor	1.649	144	578 Grams	81	Grams	100	50	150	Measured
X-333	33-8	2	8	33-8-02 Converter Converter	Converter	1.649	144	1138 Grams	219	Grams	197	99	296	Measured
A-79	33-8	3	1	33-8-03 Compressor Compressor	Compressor	1.631	145	616 Grams	84	Grams	108	54	162	Measured
	33-8	3	1	33-8-03 Converter Converter	Converter	1.631	145	1670 Grams	258	Grams	292	146	438	Measured
	33-8	3	1	33-8-03 Cooler Cooler	Cooler	1.631	145	119 Grams	46	Grams	21	17	37	Measured
	33-8	3	2	33-8-03 Compressor Compressor	Compressor	1.631	145	851 Grams	105	Grams	149	75	224	Measured
	33-8	3	2	33-8-03 Converter Converter	Converter	1.631	145	1235 Grams	229	Grams	216	108	324	Measured
	33-8	3	3	33-8-03 Compressor Compressor	Compressor	1.631	145	530 Grams	77	Grams	93	47	139	Measured
	33-8	3	3	33-8-03 Converter Converter	Converter	1.631	145	1496 Grams	246	Grams	262	131	393	Measured
	33-8	3	4	33-8-03 Compressor Compressor	Compressor	1.631	145	897 Grams	143	Grams	157	79	236	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method		
X-333	33-8	3	4	33-8-03 Converter	Converter	1.631	145	1316	Grams	234	Grams	231	116	346	Measured	
X-333	33-8	3	5	33-8-03 Compressor	Compressor	1.631	145	804	Grams	135	Grams	141	71	211	Measured	
X-333	33-8	3	5	33-8-03 Converter	Converter	1.631	145	1476	Grams	244	Grams	258	129	387	Measured	
X-333	33-8	3	6	33-8-03 Compressor	Compressor	1.631	145	655	Grams	88	Grams	115	58	172	Measured	
X-333	33-8	3	6	33-8-03 Converter	Converter	1.631	145	1371	Grams	237	Grams	240	120	360	Measured	
X-333	33-8	3	7	33-8-03 Compressor	Compressor	1.631	145	467	Grams	73	Grams	82	41	123	Measured	
X-333	33-8	3	7	33-8-03 Converter	Converter	1.631	145	1292	Grams	232	Grams	226	113	339	Measured	
X-333	33-8	3	8	33-8-03 Compressor	Compressor	1.631	145	607	Grams	84	Grams	107	54	160	Measured	
A-80	X-333	33-8	3	8	33-8-03 Converter	Converter	1.631	145	1209	Grams	227	Grams	212	106	317	Measured
	X-333	33-8	4	1	33-8-04 Compressor	Compressor	1.728	127	592	Grams	80	Grams	98	49	147	Cascade Coordinator
	X-333	33-8	4	1	33-8-04 Converter	Converter	1.728	127	1679	Grams	251	Grams	277	139	416	Cascade Coordinator
	X-333	33-8	4	1	33-8-04 Cooler	Cooler	1.728	127	1000	Grams	186	Grams	165	83	248	Cascade Coordinator
	X-333	33-8	4	2	33-8-04 Compressor	Compressor	1.728	127	794	Grams	98	Grams	131	66	197	Cascade Coordinator
	X-333	33-8	4	2	33-8-04 Converter	Converter	1.728	127	1444	Grams	234	Grams	239	120	358	Cascade Coordinator
	X-333	33-8	4	3	33-8-04 Compressor	Compressor	1.728	127	511	Grams	74	Grams	85	43	127	Cascade Coordinator
	X-333	33-8	4	3	33-8-04 Converter	Converter	1.728	127	1562	Grams	242	Grams	258	129	387	Cascade Coordinator

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333  A-81	33-8	4	4	33-8-04 Compressor	Compressor	1.728	127	829	Grams	134	Grams	137	69	206	Cascade Coordinator
	33-8	4	4	33-8-04 Converter	Converter	1.728	127	1441	Grams	233	Grams	238	119	357	Cascade Coordinator
	33-8	4	5	33-8-04 Compressor	Compressor	1.728	127	748	Grams	126	Grams	124	62	186	Cascade Coordinator
	33-8	4	5	33-8-04 Converter	Converter	1.728	127	1169	Grams	215	Grams	193	97	290	Cascade Coordinator
	33-8	4	6	33-8-04 Compressor	Compressor	1.728	127	609	Grams	82	Grams	101	51	151	Cascade Coordinator
	33-8	4	6	33-8-04 Converter	Converter	1.728	127	1187	Grams	216	Grams	196	98	294	Cascade Coordinator
	33-8	4	7	33-8-04 Compressor	Compressor	1.728	127	436	Grams	68	Grams	72	36	108	Cascade Coordinator
	33-8	4	7	33-8-04 Converter	Converter	1.728	127	1230	Grams	219	Grams	203	102	305	Cascade Coordinator
	33-8	4	8	33-8-04 Compressor	Compressor	1.728	127	564	Grams	79	Grams	94	47	140	Cascade Coordinator
	33-8	4	8	33-8-04 Converter	Converter	1.728	127	1191	Grams	217	Grams	197	99	295	Cascade Coordinator
	33-8	5	1	33-8-05 Compressor	Compressor	1.780	129	442	Grams	71	Grams	71	36	107	Cascade Coordinator
	33-8	5	1	33-8-05 Converter	Converter	1.780	129	1579	Grams	249	Grams	253	127	380	Cascade Coordinator
	33-8	5	1	33-8-05 Cooler	Cooler	1.780	129	304	Grams	55	Grams	49	25	74	Cascade Coordinator
	33-8	5	2	33-8-05 Compressor	Compressor	1.780	129	619	Grams	84	Grams	100	50	149	Cascade Coordinator
	33-8	5	2	33-8-05 Converter	Converter	1.780	129	1501	Grams	243	Grams	241	121	361	Cascade Coordinator
	33-8	5	3	33-8-05 Compressor	Compressor	1.780	129	494	Grams	74	Grams	80	40	119	Cascade Coordinator

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-8	5	3	33-8-05 Converter	Converter	1.780	129	1633	Grams	253	Grams	262	131	393	Cascade
X-333	33-8	5	4	33-8-05 Compressor	Compressor	1.780	129	596	Grams	97	Grams	96	48	144	Coordinator
X-333	33-8	5	4	33-8-05 Converter	Converter	1.780	129	1598	Grams	250	Grams	256	128	384	Cascade
X-333	33-8	5	5	33-8-05 Compressor	Compressor	1.780	129	511	Grams	75	Grams	82	41	123	Coordinator
X-333	33-8	5	5	33-8-05 Converter	Converter	1.780	129	1531	Grams	246	Grams	246	123	368	Cascade
X-333	33-8	5	6	33-8-05 Compressor	Compressor	1.780	129	521	Grams	76	Grams	84	42	126	Coordinator
X-333	33-8	5	6	33-8-05 Converter	Converter	1.780	129	1586	Grams	249	Grams	254	127	381	Cascade
X-333	33-8	5	7	33-8-05 Compressor	Compressor	1.780	129	514	Grams	75	Grams	83	42	124	Coordinator
A-82	33-8	5	7	33-8-05 Converter	Converter	1.780	129	1448	Grams	240	Grams	232	116	348	Cascade
	33-8	5	8	33-8-05 Compressor	Compressor	1.780	129	557	Grams	79	Grams	90	45	134	Coordinator
X-333	33-8	5	8	33-8-05 Converter	Converter	1.780	129	1637	Grams	253	Grams	263	132	394	Cascade
X-333	33-8	6	1	33-8-06 Compressor	Compressor	1.140	166	1741	Grams	244	Grams	436	218	653	Measured
X-333	33-8	6	1	33-8-06 Converter	Converter	1.140	166	1558	Grams	238	Grams	390	195	585	Measured
X-333	33-8	6	1	33-8-06 Cooler	Cooler	1.140	166	1155	Grams	194	Grams	289	145	434	Measured
X-333	33-8	6	2	33-8-06 Compressor	Compressor	1.140	166	0	Grams	0	Grams	0	0	0	Measured
X-333	33-8	6	2	33-8-06 Converter	Converter	1.140	166	1285	Grams	219	Grams	322	161	482	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-8	6	3	33-8-06 Compressor Compressor	Compressor	1.140	166	1452	Grams	229	Grams	364	182	545	Measured
X-333	33-8	6	3	33-8-06 Converter Converter	Converter	1.140	166	1639	Grams	244	Grams	410	205	615	Measured
X-333	33-8	6	4	33-8-06 Compressor Compressor	Compressor	1.140	166	0	Grams	0	Grams	0	0	0	Measured
X-333	33-8	6	4	33-8-06 Converter Converter	Converter	1.140	166	1645	Grams	245	Grams	412	206	617	Measured
X-333	33-8	6	5	33-8-06 Compressor Compressor	Compressor	1.140	166	2398	Grams	321	Grams	600	300	900	Measured
X-333	33-8	6	5	33-8-06 Converter Converter	Converter	1.140	166	1760	Grams	253	Grams	441	221	661	Measured
X-333	33-8	6	6	33-8-06 Compressor Compressor	Compressor	1.140	166	0	Grams	0	Grams	0	0	0	Measured
X-333	33-8	6	6	33-8-06 Converter Converter	Converter	1.140	166	2228	Grams	291	Grams	558	279	836	Measured
A-83	33-8	6	7	33-8-06 Compressor Compressor	Compressor	1.140	166	5291	Grams	559	Grams	1323	662	1985	Measured
	33-8	6	7	33-8-06 Converter Converter	Converter	1.140	166	2495	Grams	313	Grams	624	312	936	Measured
X-333	33-8	6	8	33-8-06 Compressor Compressor	Compressor	1.140	166	1647	Grams	206	Grams	412	206	618	Measured
X-333	33-8	6	8	33-8-06 Converter Converter	Converter	1.140	166	2625	Grams	325	Grams	657	329	985	Measured
X-333	33-8	7	1	33-8-07 Compressor Compressor	Compressor	1.610	129	475	Grams	71	Grams	85	43	127	Cascade Coordinator
X-333	33-8	7	1	33-8-07 Converter Converter	Converter	1.610	129	1367	Grams	225	Grams	243	122	364	Cascade Coordinator
X-333	33-8	7	1	33-8-07 Cooler Cooler	Cooler	1.610	129	150	Grams	45	Grams	27	16	43	Cascade Coordinator
X-333	33-8	7	2	33-8-07 Compressor Compressor	Compressor	1.610	129	473	Grams	71	Grams	84	42	126	Cascade Coordinator

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-8	7	2	33-8-07 Converter	Converter	1.610	129	1257	Grams	217	Grams	223	112	334	Cascade
X-333	33-8	7	3	33-8-07 Compressor	Compressor	1.610	129	88	Grams	284	Grams	16	101	117	Coordinator
X-333	33-8	7	3	33-8-07 Converter	Converter	1.610	129	1443	Grams	230	Grams	256	128	384	Cascade
X-333	33-8	7	4	33-8-07 Compressor	Compressor	1.610	129	760	Grams	118	Grams	135	68	202	Coordinator
X-333	33-8	7	4	33-8-07 Converter	Converter	1.610	129	1374	Grams	225	Grams	244	122	365	Cascade
X-333	33-8	7	5	33-8-07 Compressor	Compressor	1.610	129	444	Grams	81	Grams	79	40	118	Coordinator
X-333	33-8	7	5	33-8-07 Converter	Converter	1.610	129	1588	Grams	240	Grams	282	141	422	Cascade
X-333	33-8	7	6	33-8-07 Compressor	Compressor	1.610	129	777	Grams	96	Grams	138	69	207	Coordinator
A-84	33-8	7	6	33-8-07 Converter	Converter	1.610	129	1282	Grams	219	Grams	227	114	341	Cascade
	33-8	7	7	33-8-07 Compressor	Compressor	1.610	129	464	Grams	71	Grams	83	42	124	Coordinator
	33-8	7	7	33-8-07 Converter	Converter	1.610	129	1390	Grams	226	Grams	247	124	370	Cascade
	33-8	7	8	33-8-07 Compressor	Compressor	1.610	129	412	Grams	67	Grams	73	37	110	Coordinator
	33-8	7	8	33-8-07 Converter	Converter	1.610	129	1113	Grams	208	Grams	198	99	296	Cascade
	33-8	8	1	33-8-08 Compressor	Compressor	1.694	128	599	Grams	81	Grams	101	51	152	Coordinator
	33-8	8	1	33-8-08 Converter	Converter	1.694	128	1789	Grams	258	Grams	302	151	452	Cascade
	33-8	8	1	33-8-08 Cooler	Cooler	1.694	128	1249	Grams	203	Grams	211	106	316	Coordinator

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-8	8	2	33-8-08 Compressor	Compressor	1.694	128	646	Grams	85	Grams	109	55	164	Cascade Coordinator
X-333	33-8	8	2	33-8-08 Converter	Converter	1.694	128	1445	Grams	233	Grams	244	122	365	Cascade Coordinator
X-333	33-8	8	3	33-8-08 Compressor	Compressor	1.694	128	417	Grams	68	Grams	71	36	106	Cascade Coordinator
X-333	33-8	8	3	33-8-08 Converter	Converter	1.694	128	1627	Grams	246	Grams	274	137	411	Cascade Coordinator
X-333	33-8	8	4	33-8-08 Compressor	Compressor	1.694	128	701	Grams	106	Grams	118	59	177	Cascade Coordinator
X-333	33-8	8	4	33-8-08 Converter	Converter	1.694	128	1570	Grams	242	Grams	265	133	397	Cascade Coordinator
X-333	33-8	8	5	33-8-08 Compressor	Compressor	1.694	128	904	Grams	147	Grams	153	77	229	Cascade Coordinator
X-333	33-8	8	5	33-8-08 Converter	Converter	1.694	128	1614	Grams	245	Grams	272	136	408	Cascade Coordinator
A-85	33-8	8	6	33-8-08 Compressor	Compressor	1.694	128	685	Grams	88	Grams	116	58	173	Cascade Coordinator
	33-8	8	6	33-8-08 Converter	Converter	1.694	128	1625	Grams	246	Grams	274	137	411	Cascade Coordinator
X-333	33-8	8	7	33-8-08 Compressor	Compressor	1.694	128	538	Grams	76	Grams	91	46	136	Cascade Coordinator
X-333	33-8	8	7	33-8-08 Converter	Converter	1.694	128	1243	Grams	219	Grams	210	105	314	Cascade Coordinator
X-333	33-8	8	8	33-8-08 Compressor	Compressor	1.694	128	536	Grams	76	Grams	91	46	136	Cascade Coordinator
X-333	33-8	8	8	33-8-08 Converter	Converter	1.694	128	1455	Grams	234	Grams	245	123	368	Cascade Coordinator
X-333	33-8	9	1	33-8-09 Compressor	Compressor	1.661	128	485	Grams	72	Grams	84	42	125	Cascade Coordinator
X-333	33-8	9	1	33-8-09 Converter	Converter	1.661	128	707	Grams	186	Grams	122	64	186	Cascade Coordinator

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment_Ratio	U-235	U-235_Unit	Count_Unc	Count_Unc_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment_Method	
X-333	33-8	9	1	33-8-09 Cooler	Cooler	1.661	128	95	Grams	43	Grams	17	15	32	Cascade
X-333	33-8	9	2	33-8-09 Compressor	Compressor	1.661	128	588	Grams	80	Grams	101	51	152	Cascade
X-333	33-8	9	2	33-8-09 Converter	Converter	1.661	128	883	Grams	196	Grams	152	76	228	Cascade
X-333	33-8	9	3	33-8-09 Compressor	Compressor	1.661	128	575	Grams	79	Grams	99	50	149	Cascade
X-333	33-8	9	3	33-8-09 Converter	Converter	1.661	128	578	Grams	181	Grams	100	63	162	Cascade
X-333	33-8	9	4	33-8-09 Compressor	Compressor	1.661	128	733	Grams	104	Grams	126	63	189	Cascade
X-333	33-8	9	4	33-8-09 Converter	Converter	1.661	128	982	Grams	201	Grams	169	85	253	Cascade
X-333	33-8	9	5	33-8-09 Compressor	Compressor	1.661	128	680	Grams	105	Grams	117	59	176	Cascade
A-86	33-8	9	5	33-8-09 Converter	Converter	1.661	128	882	Grams	196	Grams	152	76	228	Cascade
	33-8	9	6	33-8-09 Compressor	Compressor	1.661	128	622	Grams	83	Grams	107	54	161	Cascade
X-333	33-8	9	6	33-8-09 Converter	Converter	1.661	128	834	Grams	193	Grams	144	72	215	Cascade
X-333	33-8	9	7	33-8-09 Compressor	Compressor	1.661	128	642	Grams	86	Grams	111	56	166	Cascade
X-333	33-8	9	7	33-8-09 Converter	Converter	1.661	128	837	Grams	193	Grams	144	72	216	Cascade
X-333	33-8	9	8	33-8-09 Compressor	Compressor	1.661	128	516	Grams	75	Grams	89	45	133	Cascade
X-333	33-8	9	8	33-8-09 Converter	Converter	1.661	128	948	Grams	199	Grams	163	82	245	Cascade
X-333	33-8	10	1	33-8-10 Compressor	Compressor	1.803	140	0	Grams	98	Grams	0	31	31	Measured

**Table 1. Current X-333 NDA measurement results (continued)**

Facility_ID	Unit_ID	Cell_ID	Stage_ID	Item_Name	Item_Type	Enrichment Ratio		U-235	U-235_Unit	Count_Unc	Count_Unc	Count_Unit	UO <sub>2</sub> F <sub>2</sub>	Tot_Unc	UO <sub>2</sub> F <sub>2</sub> _Max	Enrichment Method
X-333	33-8	10	1	33-8-10 Converter	Converter	1.803	140	2370	Grams	443		Grams	375	188	563	Measured
X-333	33-8	10	1	33-8-10 Cooler	Cooler	1.803	140	657	Grams	191		Grams	104	61	165	Measured
X-333	33-8	10	2	33-8-10 Compressor	Compressor	1.803	140	0	Grams	97		Grams	0	31	31	Measured
X-333	33-8	10	2	33-8-10 Converter	Converter	1.803	140	932	Grams	385		Grams	148	122	270	Measured
X-333	33-8	10	3	33-8-10 Compressor	Compressor	1.803	140	64	Grams	97		Grams	11	31	41	Measured
X-333	33-8	10	3	33-8-10 Converter	Converter	1.803	140	2344	Grams	441		Grams	371	186	556	Measured
X-333	33-8	10	4	33-8-10 Compressor	Compressor	1.803	140	12	Grams	97		Grams	2	31	33	Measured
X-333	33-8	10	4	33-8-10 Converter	Converter	1.803	140	1691	Grams	411		Grams	268	134	402	Measured
A-87	33-8	10	5	33-8-10 Compressor	Compressor	1.803	140	0	Grams	98		Grams	0	31	31	Measured
	33-8	10	5	33-8-10 Converter	Converter	1.803	140	1750	Grams	413		Grams	277	139	416	Measured
	33-8	10	6	33-8-10 Compressor	Compressor	1.803	140	136	Grams	98		Grams	22	31	53	Measured
	33-8	10	6	33-8-10 Converter	Converter	1.803	140	1760	Grams	880		Grams	279	279	557	Measured
	33-8	10	7	33-8-10 Compressor	Compressor	1.803	140	0	Grams	97		Grams	0	31	31	Measured
	33-8	10	7	33-8-10 Converter	Converter	1.803	140	1479	Grams	402		Grams	234	117	351	Measured
	33-8	10	8	33-8-10 Compressor	Compressor	1.803	140	0	Grams	98		Grams	0	31	31	Measured
	33-8	10	8	33-8-10 Converter	Converter	1.803	140	1555	Grams	778		Grams	246	124	370	Measured